

# WEST Search History

DATE: Sunday, April 21, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
L19	6041365.pn.	1	L19
L18	l15 and l16	1	L18
L17	l11 and l16	0	L17
L16	l4 and xml	21	L16
L15	l11 or l12 or l13 or l14	1536	L15
L14	((709/328  709/329 )!.CCLS. )	364	L14
L13	((709/329 )!.CCLS. )	76	L13
L12	((709/310  709/311  709/312  709/313  709/314  709/315  709/316  709/317  709/318  709/319  709/320 )!.CCLS. )	1187	L12
L11	((709/330 )!.CCLS. )	143	L11
L10	l9 same l4	15	L10
L9	html or (hypertext adj markup adj language)	3881	L9
L8	5893113.pn.	1	L8
L7	5960204.pn.	1	L7
L6	6052531.pn.	1	L6
L5	xml same l4	1	L5
L4	rpc\$1 or (remote adj procedure adj call\$1)	2406	L4
L3	5748735.pn.	1	L3
L2	5864620.pn.	1	L2
L1	6047289.pn.	1	L1

END OF SEARCH HISTORY

Set	Items	Description
S1	6217	AU= (MERRICK P? OR MERRICK, P? OR ALLEN, S? OR ALLEN S? OR LAPP J? OR LAPP, J?)
S2	8621	XML? OR EXTENSIBLE() MARKUP() LANGUAGE? OR MARK()UP() LANGUAG?
S3	4702	RPC OR REMOT?()PROCEDUR?()CALL?
S4	0	S1 AND S2 AND S3
S5	43	S2 AND S3
S6	0	S1 AND (S2 OR S3)
S7	7	S5 AND PY<=1999
S8	7	RD (unique items)

? show files

File 238:Abs. in New Tech & Eng. 1981-2002/Aug

(c) 2002 Cambridge Scient. Abstr

File 8:Ei Compendex(R) 1970-2002/Aug W3

(c) 2002 Engineering Info. Inc.

File 77:Conference Papers Index 1973-2002/Jul

(c) 2002 Cambridge Sci Abs

File 35:Dissertation Abs Online 1861-2002/Jul

(c) 2002 ProQuest Info&Learning

File 202:Information Science Abs. 1966-2002/Jul 03

(c) Information Today, Inc

File 2:INSPEC 1969-2002/Aug W3

(c) 2002 Institution of Electrical Engineers

File 233:Internet & Personal Comp. Abs. 1981-2002/Aug

(c) 2002 Info. Today Inc.

File 94:JICST-EPlus 1985-2002/Jun W4

(c)2002 Japan Science and Tech Corp(JST)

File 6:NTIS 1964-2002/Sep W1

(c) 2002 NTIS, Intl Cpyrght All Rights Res

File 144:Pascal 1973-2002/Aug W3

(c) 2002 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Aug W3

(c) 2002 Inst for Sci Info

File 62:SPIN(R) 1975-2002/Jul W3

(c) 2002 American Institute of Physics

File 99:Wilson Appl. Sci & Tech Abs 1983-2002/Jul

(c) 2002 The HW Wilson Co.

?

8/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2002 Institution of Electrical Engineers. All rts. reserv.

6254819 INSPEC Abstract Number: B1999-07-6210L-015, C1999-07-6130E-001  
**Title: Enterprise messaging with XML**  
Author(s): Morgenthal, J.P.  
Journal: Component Strategies vol.1, no.11 p.54-7, 70  
Publisher: SIGS Publications,  
Publication Date: May 1999 Country of Publication: USA  
CODEN: COSTF2 ISSN: 1099-3673  
SICI: 1099-3673(199905)1:11L:54:EMW;1-T  
Material Identity Number: H095-1999-005  
Language: English  
Subfile: B C  
Copyright 1999, IEE

**Title: Enterprise messaging with XML**  
Abstract: Looks at the potential uses of XML in tandem with asynchronous and synchronous messaging. XML can act as a message container, as the message format, and as the format for...

... in the face of exchanging data between applications. This article also examines the role of XML in the world of distributed object computing. XML-based remote procedure calls (RPCs) can greatly increase the efficiency of using the World Wide Web as a network...

... as CORBA and DCOM, provide. Finally, the article illustrates the importance of the role of XML in integrating applications both inside and outside the enterprise. It is important not to assume...

...Descriptors: remote procedure calls  
...Identifiers: XML ; ...

... remote procedure calls ;  
1999

8/3,K/2 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00549379 99IK10-204  
**Microsoft adds SOAP to link Windows apps**  
Booker, Ellis  
InternetWeek , October 18, 1999 , n785 p7, 1 Page(s)  
ISSN: 0746-8121

... Simple Object Access Protocol (SOAP) specification, which it had developed as a way to handle remote procedure calls across the Internet. Says that SOAP is written in Extensible Markup Language (XML) for distributed applications. Notes a potential drawback in SOAP's ability to penetrate firewalls because...

1999

Descriptors: Standards; XML ; Architecture; Corporate Strategy;  
Windows; Firewalls

8/3,K/3 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2002 Info. Today Inc. All rts. reserv.

00510630 98PI10-006  
**The dirt on SOAP**  
Seltzer, Larry  
PC Magazine , October 6, 1998 , v17 n17 p40, 1 Page(s)  
ISSN: 0888-8507  
Company Name: Microsoft; UseLand Software; webMethods; DataChannel

Discusses eXtensible Markup Language (XML). Says that usually,

XML -related standards relate to data, but a new industry initiative is making programs more open...

... and DataChannel - have come to an informal understanding that a common standard for dealing with XML is in everyone's best interest. States that the initiative is known as XML-SOAL (for Simple Object Access Protocol) by Microsoft and as XML-RPC (for Remote Procedure Calling) by UserLand Software. Adds that UserLand and webMethods speak openly of their efforts on their...

... efforts until the company is closer to shipping the product. Says that among other things, RPC allows one program to make a call to a subroutine in another program running on...

1998

Descriptors: XML ; Corporate Strategy; Corporate Alliances; Web Tools; Standards

8/3,K/4 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2002 Info. Today Inc. All rts. reserv.

00501633 98IW07-105

Microsoft spearheads protocol push

Walsh, Jeff

InfoWorld , July 13, 1998 , v20 n28 p1, 24, 2 Page(s)

ISSN: 0199-6649

Company Name: Microsoft

...distributed computing applications that span the Web. Says the Simple Object Access Protocol (SOAP) enables Remote Procedure Calls to be sent as Extensible Markup Language syntax across the Web's HTTP architecture. Explains the new protocol was developed by Microsoft...

1998

8/3,K/5 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2002 Japan Science and Tech Corp(JST). All rts. reserv.

04427271 JICST ACCESSION NUMBER: 99A0907523 FILE SEGMENT: JICST-E

Remote Editing Protocol and it's application to XML .

ARAKAKI MASASHI (1); KONO SHINJI (1)

(1) Univ. of Ryukyus

Nippon Sofutowea Kagakkai Taikai Ronbunshu, 1999 , VOL.16th, PAGE.293-296

, FIG.3, TBL.2, REF.4

JOURNAL NUMBER: X0080AAB ISSN NO: 0913-5391

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.069 681.3:654

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

Remote Editing Protocol and it's application to XML .

, 1999

...DESCRIPTORS: RPC (computer

8/3,K/6 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2002 The HW Wilson Co. All rts. reserv.

2220994 H.W. WILSON RECORD NUMBER: BAST99069067

XML - RPC programming with Zope [computer file]

Udell, Jon;

Byte (Online) (Oct. 1999)

DOCUMENT TYPE: Feature Article ISSN: 0360-5280

XML - RPC programming with Zope [computer file]



4...  
...ABSTRACT: nicely abstracts data sources and makes it easy to flow them out as HTML or XML . He provides examples illustrating that Zope is particularly XML -aware.

DESCRIPTORS: Extensible Markup Language (Computer language...

... Remote procedure calls ; ;  
1999

8/3,K/7 (Item 2 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2002 The HW Wilson Co. All rts. reserv.

2220446 H.W. WILSON RECORD NUMBER: BAST99043444  
Exploring XML - RPC [computer file]  
Udell, Jon;  
Byte (Online) (June 1999)  
DOCUMENT TYPE: Feature Article ISSN: 0360-5280

Exploring XML - RPC [computer file]

...ABSTRACT: To achieve this goal, Winer employed a simple, elegant, and useful application of Internet technology: XML - Remote Procedure Call . The writer discusses Web components, XML , the anatomy of an XML - RPC transaction, and other similar implementations.

DESCRIPTORS: Extensible Markup Language (Computer language...

... Remote procedure calls ;  
1999  
?

Set	Items	Description
S1	1	AU= (MERRICK P? OR MERRICK, P? OR ALLEN, S? OR ALLEN S? OR LAPP J? OR LAPP, J?)
S2	2286	XML? OR EXTENSIBLE() MARKUP() LANGUAGE? OR MARK() UP() LANGUAG?
S3	278	RPC OR REMOT? () PROCEDUR? () CALL?
S4	0	S1 AND S2 AND S3
S5	29	S2 AND S3
S6	1	S1 AND (S2 OR S3)
S7	1	S5 AND PY<=1999
S8	2	S6 OR S7

? show files

File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Jul  
(c)2002 Info.Sources Inc

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8/3,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2002 Info.Sources Inc. All rts. reserv.

00113306 DOCUMENT TYPE: Review

PRODUCT NAMES: XML 1.0 (837709)

TITLE: XML : The language of the World Wide Web  
AUTHOR: Merrick, Phillip  
SOURCE: Network World, v15 n44 p41(1) Nov 2, 1998  
ISSN: 0887-7661  
HOMEPAGE: <http://www.nwfusion.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010330

PRODUCT NAMES: XML 1.0...

TITLE: XML : The language of the World Wide Web  
AUTHOR: Merrick, Phillip

eXtensible Markup Language (XML) 1.0, a project of the World Wide Web Consortium, is being tuned by the XML Working Group. It could become the chosen technology for business-to-business commerce over the Internet. XML is based on the same principles that direct any effective computing initiative. It is an...

...over various platforms and applications and is an easy-to-use and understand development language. XML 1.0 provides a productive, fast method for defining and sharing document information via the Web and over distributed applications. A scaled down form of Standard Generalized Markup Language (SGML), XML was first designed for document creation and management. It can be used to code documents...

...structured records, data objects, and geographical objects. The computer industry has more ambitious plans for XML, however, with the goal being the bridging of organizations by integrating enterprise resource planning (ERP), electronic data interchange (EDI), and Web-based systems. With XML, corporations can develop their own e-commerce protocols. For instance, an XML Document Type Definition (DTD) includes the required format for a specific document type and denotes...

...vocabularies for particular functions, such as messaging formats for strategic partners in a supply chain. XML's universal messaging format can be implemented over various platforms and can be interpreted by...

DESCRIPTORS: Electronic Publishing; Internet Marketing; Standards; XML

8/3,K/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2002 Info.Sources Inc. All rts. reserv.

00109313 DOCUMENT TYPE: Review

PRODUCT NAMES: Userland Frontier 5.1 (328065)

TITLE: Web site managers get help from UserLand's Frontier 5.1  
AUTHOR: Walsh, Jeff  
SOURCE: InfoWorld, v20 n27 p51(3) Jul 6, 1998  
ISSN: 0199-6649  
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020630

...Web site managers to link separate Web site elements together. It can store and parse eXtensible Markup Language ( XML ) data and pass Remote Procedure Calls to enable networked computing via HTTP. Frontier now supports dynamic content publishing and scalable content...

1998

?

Set	Items	Description
S1	705	AU= (MERRICK P? OR MERRICK, P? OR ALLEN, S? OR ALLEN S? OR LAPP J? OR LAPP, J?)
S2	111524	XML? OR EXTENSIBLE() MARKUP() LANGUAGE? OR MARK() UP() LANGUAG?
S3	15971	RPC OR REMOT?() PROCEDUR?() CALL?
S4	592	S2(S)S3
S5	437	S2(6N)S3
S6	379	S2(2N)S3
S7	262	S2(N)S3
S8	0	S1 AND S7
S9	74	S7 AND PY<=1999
S10	31	RD (unique items)

?show files

File 15:ABI/Inform(R) 1971-2002/Aug 20  
(c) 2002 ProQuest Info&Learning

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 647:CMP Computer Fulltext 1988-2002/Aug W4  
(c) 2002 CMP Media, LLC

File 275:Gale Group Computer DB(TM) 1983-2002/Aug 21  
(c) 2002 The Gale Group

File 674:Computer News Fulltext 1989-2002/Aug W2  
(c) 2002 IDG Communications

File 696:DIALOG Telecom. Newsletters 1995-2002/Aug 20  
(c) 2002 The Dialog Corp.

File 98:General Sci Abs/Full-Text 1984-2002/Jul  
(c) 2002 The HW Wilson Co.

File 583:Gale Group Globalbase(TM) 1986-2002/Aug 20  
(c) 2002 The Gale Group

File 624:McGraw-Hill Publications 1985-2002/Aug 21  
(c) 2002 McGraw-Hill Co. Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2002/Aug 20  
(c) 2002 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2002/Aug 20  
(c) 2002 The Gale Group

File 369:New Scientist 1994-2002/Jul W3  
(c) 2002 Reed Business Information Ltd.

File 484:Periodical Abs Plustext 1986-2002/Aug W2  
(c) 2002 ProQuest

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2002/Aug 20  
(c) 2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS

File 148:Gale Group Trade & Industry DB 1976-2002/Aug 21  
(c)2002 The Gale Group

File 553:Wilson Bus. Abs. FullText 1982-2002/May  
(c) 2002 The HW Wilson Co

File 95:TEME-Technology & Management 1989-2002/Aug W3  
(c) 2002 FIZ TECHNIK

?

10/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01857062 05-08054  
**Browser tools to simplify Web development**  
Walsh, Jeff  
InfoWorld v21n28 PP: 22 Jul 12, 1999  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 534

...TEXT: is very pragmatic in a scaling situation,' Winer said.

The product is built on the XML - RPC ( Extensible Markup Language Remote Procedure Call ) protocol and will ship on Windows, Macintosh, and Linux platforms. Pricing and availability have not...

10/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01761754 04-12745  
**Alliance to help link apps**  
Walsh, Jeff  
InfoWorld v21n4 PP: 57 Jan 25, 1999  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 296

...ABSTRACT: a way to share information across the Web. Userland Software Inc. has backed its SML- Remote Procedure Call ( XML -RPC) protocol as a way to enable distributed computing by wrapping remote procedure calls in...

...TEXT: format as a way to share information across the Web. Separately, Userland has backed its XML - Remote Procedure Call ( XML - RPC ) protocol as a way to enable distributed computing by wrapping remote procedure calls in XML...

...for integrating the two technologies.

"WDDX is a lower-level piece of a puzzle and XML - RPC is that lower-level piece with additional stuff on top of it," said Jeremy Allaire ...

...to develop similar protocols.

For more information about WDDX, go to [www.wddx.org](http://www.wddx.org). For XML - RPC information, go to [www.xml-rpc.com](http://www.xml-rpc.com).

Allaire Corp., in Cambridge, Mass., is at [www.allaire.com](http://www.allaire.com). Userland Software Inc., in...

10/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01721683 03-72673  
**The ERP-to-ERP connection**  
Adhikari, Richard  
Informationweek n705 PP: SS12-SS18 Oct 19, 1998  
ISSN: 8750-6874 JRNL CODE: IWK  
WORD COUNT: 1951

...TEXT: XML encoding agreed on with business partners or an application programming interface-based approach using XML remote - procedure calls .

Big-Business Approach

For large multinational corporations, Ariba Technologies Inc.'s Order Request Management System...

10/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01676382 03-27372  
**DOM's Potential Shines**  
Karpinski, Richard  
InternetWeek n725 PP: 1, 49 Jul 27, 1998  
ISSN: 1096-9969 JRNL CODE: CWE

...ABSTRACT: the long term, the DOM could play a role in the increasingly competitive area of **XML** - **RPC**, which uses lightweight XML syntax and standard Web HTTP transmission to send remote procedure calls...

10/3,K/5 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01645417 02-96406  
**XML bridges the gap**  
Senna, Jeff  
InfoWorld v20n22 PP: 88-90 Jun 1, 1998  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 2349

...TEXT: infoworld.com /printlinks).

B2B Integration Server will offer application-to-application integration by way of **XML Remote Procedure Calls** (RPCs). In addition, B2B Integration Server will access databases through ODBC and can be integrated ...

10/3,K/6 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2002 ProQuest Info&Learning. All rts. reserv.

01605587 02-56576  
**XML storms spring Internet World**  
Walsh, Jeff; Radosevich, Lynda  
InfoWorld v20n10 PP: 14 Mar 9, 1998  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 467

...TEXT: also works with existing HTML tags. The toolkit includes an HTML/XML parser and an **XML Remote Procedure Call** that will enable applications to share data using HTTP and XML.

The free toolkit includes...

10/3,K/7 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0825816 BW0102

**WEBMETHODS: webMethods Announces B2B Integration Server For Business-To Business E-Commerce; New XML - RPC Enables Non-Proprietary Integration of Application Services Over the Internet**

March 24, 1998

Byline: Business Editors, High-Tech Writers

**webMethods Announces B2B Integration Server For Business-To Business  
E-Commerce; New XML - RPC Enables Non-Proprietary Integration of  
Application Services Over the Internet**

...information sources via the Web. These services are encapsulated and  
accessed via an XML-based Remote Procedure Call (XML - RPC  
) mechanism  
that uses XML for both the description of the business procedure  
interface, and the...  
...new version of webMethods' acclaimed Web Interface Definition  
Language (WIDL) is used to describe the XML - RPC interfaces for each  
business service. From this description, client and server stub code  
is automatically...

...can be plugged directly into the B2B  
Integration Server and be described and published as XML Remote  
Procedure Calls. As a result, companies can securely provide access  
to local data sources, including proprietary databases...

...has been extended and  
redeveloped to also provide the interface definition language  
component of the XML RPC used by the B2B Integration Server. As a  
result, WIDL can now describe either a...

10/3,K/8 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire. All rts. reserv.

0816717 BW1089

**WEBMETHODS INC: Webmethods Announces XML-Based Web Automation Toolkit To Be  
Available Free On The Net**

March 04, 1998

Byline: Business Editors

FAIRFAX, Va.--(BUSINESS WIRE)--March 4, 1998--  
XML - RPC Enables Businesses to Connect Applications over the Web,  
Fosters Growth of XML for Business-to...

...corporate developer expertise in XML. The Toolkit  
includes an HTML/XML parser and a groundbreaking XML RPC that enables  
any application to exchange data with any other application using  
just HTTP and...

10/3,K/9 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

**01175733 CMP ACCESSION NUMBER: IWK19981019S0004  
The ERP-To-ERP Connection - Software Links Disparate Enterprise Resource  
Planning Systems**

Richard Adhikari  
INFORMATIONWEEK, 1998, n 705, PGS12  
PUBLICATION DATE: 981019  
JOURNAL CODE: IWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Solutions Series  
WORD COUNT: 1946

, 1998  
... XML encoding agreed on with business partners or an application  
programming interface-based approach using XML remote - procedure



calls .

### Big-Business Approach

For large multinational corporations, Ariba Technologies Inc.'s Order Request Management System...

10/3,K/10 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01168177 CMP ACCESSION NUMBER: INW19980727S0003  
**DOM's Potential Shines**  
Richard Karpinski  
INTERNETWEEK, 1998 , n 725, PG1  
PUBLICATION DATE: 980727  
JOURNAL CODE: INW LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: News & Analysis  
WORD COUNT: 1061

, 1998  
... long term, the DOM also could play a role in the increasingly competitive area of **XML - RPC** , which uses lightweight XML syntax and standard Web HTTP transmission to send remote procedure calls...

...component object models and applications over the Web.

Today, solutions vying for attention in the **XML - RPC** space-including DataChannel's WebBroker, Userland Software Inc.'s **XML - RPC** and Microsoft's Simple Object Access Protocol, or SOAP-generally use their own APIs for...

10/3,K/11 (Item 3 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01157056 CMP ACCESSION NUMBER: INW19980330S0037  
**Server Addresses Data Exchange**  
Richard Karpinski  
INTERNETWEEK, 1998 , n 708, PG19  
PUBLICATION DATE: 980330  
JOURNAL CODE: INW LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Electronic Commerce  
WORD COUNT: 368

, 1998  
... users can lessen interoperability concerns, said NC.Focus analyst J.P. Morgenthal.  
"For E-commerce, **XML RPC** can simplify and lower the cost of development of these solutions and speed time to...

10/3,K/12 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02333454 SUPPLIER NUMBER: 55888343 (USE FORMAT 7\_OR 9 FOR FULL TEXT)  
**Does XML Need Corba? >BY Rachel Chalmers.**  
Computergram International, 3754, NA  
Sept 24, 1999  
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 781 LINE COUNT: 00060

TEXT:

...come up with a way to use XML to bypass Corba altogether. They call

it **XML - RPC** (for remote procedure calling). In July 1999, Digital Creations Inc made its Zope content management system interoperable with UserLand's Frontier through **XML - RPC**. Earlier this week, no less a behemoth than Microsoft Corp threw its weight behind the...  
... Bray, a co-editor of the World Wide Web Consortium (W3C) XML Specification, says of **XML - RPC**: "Obviously it is immensely simpler than Corba and obviously for the same reasons, it does..."

...persistent connection, send requests back and forth and maintain the transaction state," Bray explains. "With **XML - RPC** I send you a request, you send me a response and that's it. It..."

...simple and straightforward running in a couple of weeks, that might be a job for **XML - RPC**." OMG's VP of technology Andrew Watson is less sanguine about **XML - RPC**. "I'm very much in favor of the things XML is trying to achieve and..."

19990924

10/3,K/13 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02327277 SUPPLIER NUMBER: 55622138 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Lesson 134: Middleware. (various middleware offerings) (Technology Information)**  
Angel, Jonathan  
Network, NA  
Sept 1, 1999  
ISSN: 1093-8001 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2333 LINE COUNT: 00195

... to which we will devote a special report in October 1999.  
A new protocol called **XML RPC** provides a way to embed remote procedure calls into XML. Using HTTP as a transport...

...introduction to CORBA and information about version 3.0, see [www.omg.org](http://www.omg.org).  
Background on **Extensible Markup Language Remote Procedure Call (XML RPC)** may be found at [www.xmlrpc.com](http://www.xmlrpc.com).

19990901

10/3,K/14 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02316968 SUPPLIER NUMBER: 55276823 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**XML on Autopilot. (Technology Information) (Column)**  
Rupley, Sebastian  
PC Magazine, 18, 15, 28  
Sept 1, 1999  
DOCUMENT TYPE: Column ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 281 LINE COUNT: 00025

... a common way of describing data on the Web. Now a new XML protocol called **XML RPC** (Remote Procedure Call)--designed to let developers script automated routines that make use of XML...

...business-to-business transactions. XML is emerging as the card-catalog technology for this, and **XML RPC** is a strong contender for the way developers might trigger sophisticated applications.  
Procedure calls take...

...developers see promise in extending remote procedure calls to XML-based information, which is where **XML RPC** comes in. Think of it as an

XML-based Esperanto, understood by remote machines on...

...BizTalk, a Microsoft BackOffice server product based on XML.

One company, webMethods, has produced an XML RPC application for use with BizTalk, designed to exchange documents across platforms automatically.

Copyright (c) 1999...

19990901

10/3,K/15 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02311628 SUPPLIER NUMBER: 55103577 (USE FORMAT 7 OR 9 FOR FULL TEXT)

IBM, Oracle, SAP, Sun and Others to Support XML.Org.

Computergram International, NA

July 8, 1999

ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 260 LINE COUNT: 00025

... agreed to make their flagship content management systems, Frontier and Zope, work together using the XML - RPC standard. UserLand has also chosen Zope as its deployment server for Unix environments. Championed by UserLand, XML - RPC (the RPC stands for remote procedure calling) lets programs operate within other programs, rather like a low-end Corba or COM. "XML - RPC will simplify the development of distributed systems that leverage the advantages of three operating systems...

19990708

10/3,K/16 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

02260397 SUPPLIER NUMBER: 53576899 (USE FORMAT 7 OR 9 FOR FULL TEXT)

UserLand opens new Frontier: Frontier 6 will pack new workgroup publishing features, search engine.(Product Announcement)

Dudrow, Andrea

eMediaweekly, 1(1)

Jan 4, 1999

DOCUMENT TYPE: Product Announcement LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 576 LINE COUNT: 00048

... directly in a Web browser; the software will send changes to the Frontier server using XML - RPC (Remote Procedure Call), a technology based on XML and introduced in Version 5, which lets...

...actions on the Frontier server.

Frontier 6's new membership services will rely heavily on XML - RPC. The feature will store information about Web-site users and let them edit that data...

19990104

10/3,K/17 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2002 The Gale Group. All rts. reserv..

02226513 SUPPLIER NUMBER: 21197147

Politics win out over needs of IT organizations. (Internet/Web/Online Service Information)

Walsh, Jeff

InfoWorld, v20, n40, p26(1)

Oct 5, 1998

ISSN: 0199-6649 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: will make integration easier if it is interoperable with SOAP and with UserLand Software's XML - RPC . XML , Cascading Style Sheets and Document Object Model (DOM) have formed a complete framework for Web...

19981005

10/3,K/18 (Item 7 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02221870 SUPPLIER NUMBER: 21156901 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Document Management Systems.(Vignette StoryServer, Chrystal Software  
Astoria 3.0, Inso DynaBase 3.0, DataChannel RIO, UserLand Software  
Frontier 5.0) (Product Information)  
Stanek, William Robert  
PC Magazine, v17, n17, p237(1)  
Oct 6, 1998  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 840 LINE COUNT: 00071

... out. Frontier's own site is an example. Frontier can connect to external systems using XML RPC (see Trends Internet in this issue), and it can use XML to manage data stored...

19981006

10/3,K/19 (Item 8 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02221776 SUPPLIER NUMBER: 21156807 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The Dirt on SOAP.(Simple Object Access Protocol) (Internet/Web/Online  
Service Information)  
Seltzer, Larry  
PC Magazine, v17, n17, p40(1)  
Oct 6, 1998  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 500 LINE COUNT: 00042

TEXT:

...the program XML-SOAP (Simple Object Access Protocol), and UserLand Software refers to it as XML - RPC (Remote Procedure Calling).  
... a system for automating business-to-business transactions over the Internet. It lets you use XML - RPC as a standardized way of talking to other systems. UserLand's (www.scripting.com) Frontier can connect to external systems using XML - RPC and can use XML to manage data stored in a proprietary object database. Microsoft Corp...

...open standard, but you need to be a serious programmer in order to use it.

XML - RPC defines the interface to such a call in XML, opening the program for the whole...

...example on the webMethods site shows the FedEx package tracking Web page tunneled within an XML - RPC . Internally, the routine is a CGI process, but the user doesn't need to know...

...NT service.

From UserLand's point of view, as a company that makes scripting tools, XML - RPC opens up an infinite variety of programs to scripting tools that can interface with them...

19981006

10/3,K/20 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02190201 SUPPLIER NUMBER: 20846777 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
WebMethods eases info sharing.(Product Announcement)  
PC Week, v15, n25, p35(1)  
June 22, 1998  
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:  
English RECORD TYPE: Fulltext  
WORD COUNT: 107 LINE COUNT: 00013

... are written in Java, C/C++, Visual Basic or ActiveX.  
The Java server uses an XML Remote Procedure Call described  
with the company's Web Interface Definition Language. The server, which  
includes the B2B...

19980622

10/3,K/21 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2002 The Dialog Corp. All rts. reserv.

00596150  
This Week in Multimedia Software  
MULTIMEDIA WEEK  
March 18, 1998 VOL: 7 ISSUE: 11 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 573 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:  
...and does not  
require corporate developer expertise in XML; includes an  
HTML/XML parser and XML - RPC that enables any application to  
exchange data with any other application using just HTTP and...

1998

10/3,K/22 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

02245263 Supplier Number: 57862430 (USE FORMAT 7 FOR FULLTEXT)  
UserLand Releases Manila and Frontier 6.1, Turning Any Web Browser Into A  
Powerful Web Content Workstation.  
PR Newswire, p2058  
Dec 1, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 543

... management system. Templates, macros, shortcuts, stories,  
pictures.  
-- Integrates thru Microsoft COM, ODBC, Apple Events, HTTP, XML -  
RPC .  
-- ISP-ready. Manila sites are safe, and can be extended thru macros  
and  
- templates, allowing...

19991201

10/3,K/23 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

03923707 Supplier Number: 50160190 (USE FORMAT 7 FOR FULLTEXT)

INTERNET: SOAP - EASIER TO SPELL THAN RPC - XML  
Network Briefing, pN/A  
July 15, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Magazine/Journal; Trade  
Word Count: 144

INTERNET: SOAP - EASIER TO SPELL THAN RPC - XML  
19980715

10/3,K/24 (Item 1 from file: 484)  
DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2002 ProQuest. All rts. reserv.  
>>>Accession number 3951157 is unavailable

10/3,K/25 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1249825 HSM044  
XML takes Religion Out of Web Computing by Making Java & Windows  
Interoperable

DATE: March 30, 1998 06:00 EST WORD COUNT: 909

... Arbitrary business logic can be plugged directly into WebBroker and be described and published as XML remote procedure calls. Companies can then provide access to local data sources, including proprietary databases, as a comprehensive...

10/3,K/26 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

07381201 Supplier Number: 60471576 (USE FORMAT 7 FOR FULLTEXT)  
Component Load Balancing Shifts to AppCenter Server.(from Windows  
2000)(Product Information)  
BEKKER, SCOTT  
ENT, v4, n17, p1  
Oct 6, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Professional  
Word Count: 666

... system. "You couldn't possibly think that we are replacing RPC (Remote Procedure Call) with XML. RPC calls are still very fast," he says. XML will play an important internal role in...  
19991006

10/3,K/27 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

05533101 Supplier Number: 48385636 (USE FORMAT 7 FOR FULLTEXT)  
Server Addresses Data Exchange  
Karpinski, Richard  
InternetWeek, p19  
March 30, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 371

... users can lessen interoperability concerns, said NC.Focus analyst J.P. Morgenthal.

"For E-commerce, XML RPC can simplify and lower the cost of development of these solutions and speed time to...  
19980330

10/3,K/28 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2002 The Gale Group. All rts. reserv.

05507058 Supplier Number: 48344743 (USE FORMAT 7 FOR FULLTEXT)  
XML storms spring Internet World: Products arrive based on the WC3-approved specification  
Radosevich, Lynda; Walsh, Jeff  
InfoWorld, p014  
March 9, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 460

... also works with existing HTML tags. The toolkit includes an HTML/XML parser and an XML Remote Procedure Call that will enable applications to share data using HTTP and XML.  
The free toolkit includes...  
19980309

10/3,K/29 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

10549482 SUPPLIER NUMBER: 53095547 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The ERP-To-ERP connection -- software links disparate enterprise resource planning systems.(Technology Information)  
Adhikari, Richard  
InformationWeek, S12(1)  
Oct 19, 1998  
ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2085 LINE COUNT: 00175

... XML encoding agreed on with business partners or an application programming interface-based approach using XML remote - procedure calls .  
Big-Business Approach  
For large multinational corporations, Ariba Technologies Inc.'s Order Request Management System...

19981019

10/3,K/30 (Item 1 from file: 553)  
DIALOG(R)File 553:Wilson Bus. Abs. FullText  
(c) 2002 The HW Wilson Co. All rts. reserv.

04087384 H.W. WILSON RECORD NUMBER: BWBA99087384  
XML - RPC programming with Zope {computer file}.  
Udell, Jon  
Byte (online) (Oct. 1999)  
LANGUAGE: English

XML - RPC programming with Zope {computer file}.

DESCRIPTORS:  
Extensible markup language ; Remote procedure calls ; HTTP  
(Hypertext transfer protocol)  
1999

10/3,K/31 (Item 2 from file: 553)  
DIALOG(R)File 553:Wilson Bus. Abs. FullText

(c) 2002 The HW Wilson Co. All rts. reserv.

04056550 H.W. WILSON RECORD NUMBER: BWBA99056550

Exploring XML - RPC {computer file}.

Udell, Jon

Byte (online) (June 1999)

LANGUAGE: English

Exploring XML - RPC {computer file}.

...ABSTRACT: To achieve this goal, Winer employed a simple, elegant, and useful application of Internet technology: XML - Remote Procedure Call . The writer discusses Web components, XML, the anatomy of an XML - RPC transaction, and other similar implementations.

DESCRIPTORS:

Extensible markup language ; Remote procedure calls

1999

?



File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Apr  
(c)2003 Info.Sources Inc

? ds

Set	Items	Description
S1	7207	XML OR HTML OR (MARKUP OR MARK()UP) (1W) (LANGUAGE? OR METAL- LANGUAGE?) OR CXML OR SGML OR XGML OR SAML OR GML OR PML OR XA- CML
S2	317	SAML OR HDML OR XRML OR VOXML OR SMIL OR WML OR UIML OR FS- ML OR CFML OR STML OR XHTML OR DSML OR SMBXML OR DAML OR FPML OR PMML OR JSML
S3	300	RPC OR REMOTE(1W) (PROCEDURE? ? OR FUNCTION? ? OR SUBROUTIN- E? OR SUB()ROUTINE? ? OR METHOD? ? OR INVOK? OR SERVICE? ?) (1- W) (CALL??? ? OR REQUEST?)
S4	114	RPCS
S5	900	(PROCEDURE? ? OR FUNCTION? ? OR SUBROUTINE? OR SUB()ROUTIN- E? ? OR METHOD? ? OR INVOK? OR SERVICE? ?) (1N) (CALL??? ? OR R- EQUEST?)
S6	252	S5(2N) (REMOTE? OR REMOVED OR DISTANT? OR OFFSITE? OR OFF()- SITE? ? OR ELSEWHERE OR ELSE()WHERE)
S7	0	S5(2N) (ANOTHER OR OTHER OR DIFFERENT) (1W) (LOCATION? ? OR P- LACE? ? OR SITE? ? OR LOCALE? ?)
S8	1	WINRPC OR ORPC
S9	504	SOAP OR SIMPLE()OBJECT()ACCESS()PROTOCOL?
S10	153	RPC OR REMOTE(1W)INVOC?(1W) (CALL??? ? OR REQUEST?)
S11	1	INVOC?(1N) (CALL??? ? OR REQUEST?)
S12	387	S1:S2 AND (S3:S4 OR S6:S11)
S13	347	S12/1999:2003
S14	40	S12 NOT S13
S15	7	RD (unique items)

? t15/7/all

15/7/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00109313 DOCUMENT TYPE: Review

PRODUCT NAMES: Userland Frontier 5.1 (328065)

TITLE: Web site managers get help from UserLand's Frontier 5.1

AUTHOR: Walsh, Jeff

SOURCE: InfoWorld, v20 n27 p51(3) Jul 6, 1998

ISSN: 0199-6649

HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Frontier 5.1 from Userland Software, a combination of World Wide Web management, programming, and object database tools, allows Web site managers to link separate Web site elements together. It can store and parse eXtensible Markup Language (XML) data and pass Remote Procedure Calls to enable networked computing via HTTP. Frontier now supports dynamic content publishing and scalable content to provide users with ways to flow similar content through multiple templates. Other new features include the capability for teams of users to collaborate via Web sites and for management of users, groups, and privileges. Web content contributors may now use any creation tools they want to thanks to Frontier's ability to link various individuals' work together into one

final product. Script Meridian, UserLand's Frontier user Web site, offers detailed information for any user interested in seeing how Frontier can work for collaborative groups of users. Formerly a free product, Frontier 5.1 now costs \$899 annually for commercial Web site builders.

REVISION DATE: 20020630

15/7/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00106137 DOCUMENT TYPE: Review

PRODUCT NAMES: Kai's Power Goo (626082); Kai's PhotoSoap (670375); Art Dabbler (687022); HoTMetaL PRO 4.0 (535991)

TITLE: The Next Great User Interface

AUTHOR: Machrone, Bill

SOURCE: PC Magazine, v17 n5 p85(1) Mar 10, 1998

ISSN: 0888-8509

HOME PAGE: <http://www.pcmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

MetaCreations' Kai's Power Goo, Kai's Photo Soap, and Art Dabbler and SoftQuad's HoTMetaL PRO 4.0 are examples of software that does not adhere to Microsoft's way of interfacing with the user. Microsoft's interface is criticized for its inconsistencies, such as those occurring when keyboard shortcuts can be used. It also contains confusing features such as the click versus double-click requirements in different places. MetaCreations often ignores Microsoft's interface in favor of its own graphical symbols. MetaCreations' programs have drawers that slide out, and tool icons such as brushes, erasers, and pencils that the user has to learn how to handle. There are no pull-down menus in the Kai programs. Only Art Dabbler uses some Windows conventions. HoTMetaL PRO is an **HTML** authoring package. Its site management tool, Information Manager, provides a visual display of a site that is very different from that usually found in World Wide Web project management software. Information Manager maps all files and links onto a spherical surface that is not visible to the user. When the user chooses an area of a site with the cursor, it comes to the center of the window along with its links, and other areas of the site warp off to the sides of the screen.

REVISION DATE: 20030221

15/7/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00104126 DOCUMENT TYPE: Review

PRODUCT NAMES: RPCs (833576); CORBA (832456); DCE (834025); ODBC (844195)

TITLE: Inside Web App Functioning

AUTHOR: Umar, Amjad

SOURCE: Information Week, v650 p1A(7) Sep 29, 1997  
ISSN: 8750-6874  
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Common Object Request Broker Architecture (CORBA), Open Software Foundation's Distributed Computing Environment (DCE), Hypertext **Markup Language** ( **HTML** ), and Microsoft's Microsoft Open Database Connectivity (ODBC) are technologies highlighted in a discussion of the inner workings of World Wide Web application development tools. Companies moving from Internet pilot projects to critical system use combined object-oriented technologies, client/server tools, and Internet communications. Many organizations create distributed applications that provide new levels of business value. The resulting applications add value to business applications, and can be called a different class of multitiered distributed programs that coalesce firewalls, proxy server, thin clients, fat servers, gateways, Hypertext Transfer Protocol (HTTP), IIOP, and Java applets. Web applications can be designed as two-, three-, or n-tiered systems, but three-tiered systems seem to dominate. Most CORBA ORBs and DCE programs shield the actual location of servers by offering directories accessible at run time to find the servers. Among topics are allocation issues, World Wide Web application performance issues, infrastructure, applying theory, pros and cons of server protocols, pros and cons of client protocols, and building performance into Web architecture.

REVISION DATE: 20020630

15/7/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00099769 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft ActiveX (603295); COM (Component Object Model) (516791); DCOM (608165); Microsoft Internet Information Server 3.0 (591645); HTML (835277)

TITLE: **activeX unmasked**  
AUTHOR: Flynn, Jim Clarke, Bill  
SOURCE: Datamation, v43 n1 p134(6) Jan 1997  
ISSN: 0011-6963  
HOMEPAGE: <http://www.datamation.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Microsoft's Microsoft ActiveX, Internet Information Server (IIS), Distributed Common Object Model (DCOM), and Common Object Model (COM), and Hypertext **Markup Language** ( **HTML** ) are highlighted in a lengthy discussion of ActiveX's valuable, fast, economical tools for World Wide Web application development. ActiveX is a number of technical initiatives for controls, scripting, document objects, accessibility, and databases. Although ActiveX may not be as cross-platform or new as Netscape Communications' Open Network Environment (ONE), it often is the fastest, cheapest Web development toolset. ActiveX is based on Distributed Component Object Model (DCOM) and Component Object Model, while ONE uses Common

Object Request Broker Architecture (CORBA); DCOM and CORBA are distributed object standards. ActiveX controls can be executed on other machines over the network, via the Open Software Foundation's Distributed Computing Environment (DCE) **Remote Procedure Call (RPC)** transport mechanism. Users may find that they do not want to redevelop all their client/server applications in Sun Microsystems' Java, and would probably rather avoid retraining all their recently hired Visual Basic and Visual C++ programmers. ActiveX meets the needs of such organizations by allowing them to program an advanced Web interface without rewriting applications, and to deliver functions to just about all users in any location.

REVISION DATE: 20011030

15/7/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00097018 DOCUMENT TYPE: Review

**PRODUCT NAMES: Microsoft Windows NT 4.0 (347973)**

**TITLE: The Windows NT Internet Makeover**

AUTHOR: Henderson, Tom

SOURCE: LAN Magazine, v11 n12 p142(5) Nov 1996

ISSN: 1069-5621

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Functions of Microsoft's Microsoft Windows NT 4.0, which has a Windows 95 metaphor and excellent Internet and LAN-based intranet support, are described. During tests, the installation routine correctly located all linked hardware. Two network connections are available, constant connections (dedicated links such as network cards or continuous ISDN connections) or remote access to other networks. Remote Access Server, DHCP Server, DHCP Relay, DNS Server, Microsoft Internet Information Server, TCP/IP Printing, NetBIOS Interface, Network Monitor Tools and Agent, Internet REP Protocol, IPX RIP Protocol, **RPC** Configuration, SAP Agent for NetWare, Server Message Block protocol, Simple TCP/IP Services, Simple Network Management Protocol (SNMP) Service, and Windows Internet Name Service protocols were selected for the test system, and users could alter their properties. New administration wizards streamline tasks, and users can find network configuration data for lower layers of the OSI model by looking at the Network Neighborhood property sheet. Various useful system monitoring tools are provided from Systems Management Server, including Performance Monitor. A Web browser was used to cull Hypertext **Markup Language (HTML)** pages from IIS, and the included FrontPage Web page creation tools created pages with folder and uniform resource locator (URL) links.

REVISION DATE: 20020630

15/7/6

DIALOG(R) File- 256:SoftBase:Reviews,Companies&Prods.  
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00094251 DOCUMENT TYPE: Review

**PRODUCT NAMES:** NetImpact Studio (632368); SQL Anywhere 5.5 (598968)

**TITLE:** Sybase beefs up 'net offerings

**AUTHOR:** Hayes, Frank Stedman, Craig

**SOURCE:** Computerworld, v30 n35 p12(1) Aug 26, 1996

**ISSN:** 0010-4841

**HOME PAGE:** <http://www.computerworld.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Sybase's NetImpact Studio and SQL Anywhere 5.5, two new Internet products, respectively provide tools for corporate users designing World Wide Web applications and tools for mobile users who wish to browse parts of a corporate intranet while offline. NetImpact Studio is a drag-and-drop toolset that supports Hypertext **Markup Language (HTML)** 3.2, links to applications constructed with popular visual development systems, supports Java applets, ActiveX, and Netscape Navigator plug-ins, and links to Web servers via the Netscape application programming interface (API), Industry Standard API, and Common Gateway Interface (CGI). SQL Anywhere has support for Lotus and Internet e-mail protocols; replication of binary large objects; common **Remote Procedure Calls (RPCs)** with Sybase's SQL Server enterprise database; and continuous background backups while the system is in use.

**REVISION DATE:** 20020819

15/7/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

(c)2003 Info.Sources Inc. All rts. reserv.

00090651 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Solaris Server Suite (614491)

**TITLE:** Solaris taps into Internet

**AUTHOR:** Moeller, Michael Wirthman, Lisa

**SOURCE:** PC Week, v13 n13 p8(1) Apr 1, 1996

**ISSN:** 0740-1604

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Solaris Server Suite's enhancements include a new Internet Server that moves toward integration of Internet features; these include HyperText Transport Protocol (HTTP) and HyperText **Markup Language (HTML)**. Sun will also continue work on making Internet-ready such protocols as Network File System (NFS), **Remote Procedure Calls (RPCs)**, and X Federated Naming. Sun says Internet NFS is much faster and more powerful than HTTP or File Transfer Protocol (FTO) for Internet communications. Important enhancements in the suite (made up of Solaris Application, PC Administration, and Solaris Internet Servers) include support for NetWare users and availability of Solaris applications via a LAN. The latter is accomplished with the addition of an IPX/SPX stack to Application Server and more NetWare functions in Internet Server via SolarNet WebScout/NW.

**REVISION DATE:** 20020630

File 348:EUROPEAN PATENTS 1978-2003/Apr W04  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20030508,UT=20030501  
(c) 2003 WIPO/Univentio

? ds

Set	Items	Description
S1	18863	XML OR HTML OR (MARKUP OR MARK()UP) (1W) (LANGUAGE? OR METAL- ANGUAGE?) OR CXML OR SGML OR XGML OR SAML OR GML OR PML OR XA- CML
S2	2229	SAML OR HDML OR XRML OR VOXML OR SMIL OR WML OR UIML OR FS- ML OR CFML OR STML OR XHTML OR DSML OR SMBXML OR DAML OR FPML OR PMML OR JSML
S3	2420	RPC OR REMOTE(1W) (PROCEDURE? ? OR FUNCTION? ? OR SUBROUTIN- E? OR SUB()ROUTINE? ? OR METHOD? ? OR INVOK? OR INVOC? OR SER- VICE? ?) (1W) (CALL??? ? OR REQUEST?)
S4	211	RPCS
S5	37228	(PROCEDURE? ? OR FUNCTION? ? OR SUBROUTINE? OR SUB()ROUTIN- E? ? OR METHOD? ? OR INVOK? OR INVOC? OR SERVICE? ?) (1N) (CALL- ??? ? OR REQUEST?)
S6	1543	S5(2N) (REMOTE? OR REMOVED OR DISTANT? OR OFFSITE? OR OFF()- SITE? ? OR ELSEWHERE OR ELSE()WHERE)
S7	33	S5(2N) (ANOTHER OR OTHER OR DIFFERENT) (1W) (LOCATION? ? OR P- LACE? ? OR SITE? ? OR LOCALE? ?)
S8	10	WINRPC OR ORPC
S9	15744	SOAP OR SIMPLE()OBJECT()ACCESS()PROTOCOL?
S10	254	S1:S2(20N) (S3:S4 OR S6:S9)
S11	24	S10/TI,AB,CM
S12	24	IDPAT (sorted in duplicate/non-duplicate order)
S13	24	IDPAT (primary/non-duplicate records only)

? t13/5,k/all

13/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01482521

**An identifier code translation system**  
**Vorrichtung zum Umsetzen von Identifikationskodes**  
**Systeme de conversion de codes d'identifiants**  
PATENT ASSIGNEE:

Siemens Medical Solutions Health Services Corporation, (4092280), 51,  
Valley Stream Parkway, Malvern, PA 19355, (US), (Applicant designated  
States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1253531 A2 021030 (Basic)

APPLICATION (CC, No, Date): EP 2002252918 020425;

PRIORITY (CC, No, Date): US 286794 P 010426; US 973349 011009

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP-1253531-A2

A system dynamically maps (and translates) codes and identifier values  
of any type to corresponding codes and identifiers of other entities. A  
method for determining a specific identifier code for an object  
associated with a plurality of identifier codes by a corresponding

plurality of entities involves receiving a first message including at least a first identifier code identifying an object. The first identifier code is extracted (310) from the received first message and a second message is generated (315) incorporating the extracted first identifier code. The second message is used for initiating (325) a search of an identifier code database mapping an identifier code associated with a first entity to a corresponding identifier code associated with a second entity. A second identifier code corresponding to the first identifier code is received (335) in response to communicating the second message for initiating a search of the identifier code database. The second message initiates a remote procedure for mapping the first identifier code to a corresponding second identifier code.

ABSTRACT WORD COUNT: 168

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021030 A2 Published application without search report

Change: 030108 A2 Inventor information changed: 20021115

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200244	701
SPEC A	(English)	200244	4618
Total word count - document A			5319
Total word count - document B			0
Total word count - documents A + B			5319

...CLAIMS for accessing said database using at least one of, (a) Hypertext Transfer Protocol (HTTP), (b) **Simple Object Access Protocol (SOAP)** and (c) **XML (Extensible Markup language)**.

8. A method according to any of the preceding claims, wherein

at least one of...

13/5,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01412221

**Communications system based on the SOAP protocol**

**Kommunikationssystem auf basis von SOAP protokoll**

**Systeme de communication basesur le protocole SOAP**

PATENT ASSIGNEE:

Schneider Automation, (1910892), 245, route des Lucioles, Sophia

Antipolis, 06560 Valbonne, (FR), (Applicant designated States: all)

INVENTOR:

Stawikowski, Jean-Marie, 350, chemin de la Parouquine, 06600 Antibes, (FR)

Hardy, Christian, Quartier Peyrine, 83340 Le Thoronet, (DE)

PATENT (CC, No, Kind, Date): EP 1193948 A2 020403 (Basic)

APPLICATION (CC, No, Date): EP 2001402226 010827;

PRIORITY (CC, No, Date): FR 0011320 000831

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-029/06

ABSTRACT EP 1193948 A2 (Translated)

Remote control system uses SOAP web protocol allows remote control

without gateways

A remote control system has a controller (10) with web client (22) and programme (20) communicating over an IP network (50) with remote units (30) using the SOAP (Simple Object Access Protocol) protocol.

TRANSLATED ABSTRACT WORD COUNT: 45

ABSTRACT EP 1193948 A2

La presente invention decrit un systeme de communication sur un reseau IP (50) entre un equipement d'automatisme (10) et un ou plusieurs appareils distants (30). Le systeme de communication est base sur le protocole SOAP (Simple Object Access Protocol) dans le but de fournir a l'appareil distant (30) des fonctions de surveillance, de visualisation, de controle, de configuration ou de programmation de l'equipement d'automatisme (10). L'equipement d'automatisme (10) comporte au moins un service WEB (21) et/ou un client WEB (22) pouvant interagir avec un programme (20) de l'equipement d'automatisme (10), capable de decoder des messages recus (51,54) en provenance du reseau IP (50) codes selon le protocole SOAP et capable d'encoder des messages a emettre (52,53) selon le protocole SOAP. Un document de description de service (61), accessible a un appareil distant (30,30"), decrit les capacites d'un ou plusieurs services WEB (21) implantes dans un equipement d'automatisme (10). Ce document peut etre memorise ou construit dynamiquement par un generateur (62).

ABSTRACT WORD COUNT: 161

NOTE:

Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020403 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): French; French; French

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(French)	200214	1368
SPEC A	(French)	200214	3743
Total word count - document A			5111
Total word count - document B			0
Total word count - documents A + B			5111

...CLAIMS service (61) est conforme a un langage de description de service faisant reference au protocole **SOAP** ou au protocole HTTP, HTTPS et fournissant une grammaire s'appuyant sur le langage **XML** (eXtensible **Markup Language** ).

6. Systeme de communication selon la revendication 5, caracterise par le fait que le document...

13/5,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01046592

**Computer system with evolving printer**

**Rechnersystem mit evoluierendem Drucker**

**Systeme d'ordinateur avec imprimante evoluant**

PATENT ASSIGNEE:

Hewlett-Packard Company, A Delaware Corporation, (3016020), 3000 Hanover Street, Palo Alto, CA 94304, (US), (Applicant designated States: all)

INVENTOR:

Smith. Marcus A., 10437 W. Sawtail Street, Boise, ID 83703, (US)

Stokes, DeVerl N., 236 Ranch Dr., Eagle, ID 83616, (US)

LEGAL REPRESENTATIVE:



Schoppe, Fritz, Dipl.-Ing. (55463), Schoppe, Zimmermann, Stockeler &  
Zinkler Patentanwälte Postfach 71 08 67, 81458 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 926593 A2 990630 (Basic)  
EP 926593 A3 030409  
APPLICATION (CC, No, Date): EP 98117007 980908;  
PRIORITY (CC, No, Date): US 989258 971211  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-009/445; G06F-009/44

ABSTRACT EP 926593 A2

A computer system (100) includes a computer (110, 126) and a peripheral (112, 124, 134, 144) the peripheral having an object oriented run-time environment (e.g., JAVA) and object resource brokering facilities (e.g., CORBA). Public methods of the peripheral (242, 246, 248) are exposed to objects of the computer system and vice versa for more efficient peripheral operation and shared program code.

ABSTRACT WORD COUNT: 62

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Assignee: 010502 A2 Transfer of rights to new applicant:  
Hewlett-Packard Company, A Delaware Corporation  
(3016020) 3000 Hanover Street Palo Alto, CA  
94304 US  
Application: 990630 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 030409 A3 Separate publication of the search report  
Change: 030402 A2 International Patent Classification changed:  
20030207

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9926	292
SPEC A	(English)	9926	8135
Total word count - document A			8427
Total word count - document B			0
Total word count - documents A + B			8427

...CLAIMS the class definition is received in a protocol of the group consisting of SNMP, hypertext markup language , page description language, remote procedure call , remote method invocation, and CORBA.

7. The medium of Claim 5 wherein printer function comprises instructions for...

13/5,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01004225 \*\*Image available\*\*

**RICH COMMUNICATION OVER INTERNET**

**COMMUNICATION RICHE VIA L'INTERNET**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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, (Designated only for: US)  
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BORRESEN Stian, Ullevalsveien 53, N-0171 Oslo, NO, NO (Residence), NO  
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Legal Representative:  
VEDDE Toril (et al) (agent), Onsagers AS, P.O. Box 6963 St. Olavs plass,  
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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200334196 A1 20030424 (WO 0334196)  
Application: WO 2002NO378 20021018 (PCT/WO NO0200378)  
Priority Application: NO 20015126 20011019; US 2001330072 20011019  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-003/033  
International Patent Class: G06F-017/00; G06T-015/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 4409

#### English Abstract

The present invention relates to an intuitive and user-friendly user interface for rich communication on a network which interacts in an efficient way with other applications and services. In particular, the present invention relates to rich and expressive real-time communication over the Internet supported by animated objects using the objects to increase the expressive and emotional bandwidth of instant messaging. The invention is suited for use on a broad range of Internet terminal types, from mobile phones to PC's and TV's with set-top boxes.

#### French Abstract

La presente invention concerne une interface utilisateur intuitive et conviviale destinee a la communication riche sur un reseau qui interagit de maniere efficace avec d'autres applications et services. L'invention concerne notamment une communication riche et expressive en temps reel via l'Internet qui s'appuie sur des objets animes utilisant des objets pour augmenter l'etendue expressive et emotionnelle de la messagerie en temps reel. L'invention est concue pour etre utilisee dans une vaste gamme de types de terminaux Internet, depuis les telephones portables jusqu'aux ordinateurs personnels et aux postes de television avec decodeurs.

#### Legal Status (Type, Date, Text)

Publication 20030424 A1 With international search report.

#### Fulltext Availability:

Claims

#### Claim

... to claim 1, where in step e) the signals are transmitted in the form of **XML** encoded messages.

10 Method according to claim 1, where in step e) the signals are

transmitted in the form of SOAP messages transmitted over HTTP. 1 1.  
Method according to claim 1, where in step...

13/5,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00991721 \*\*Image available\*\*  
BROWSER-TO-BROWSER, DOM-BASED, PEER-TO-PEER COMMUNICATION WITH DELTA  
SYNCHRONIZATION  
COMMUNICATION POSTE A POSTE, NAVIGATEUR A NAVIGATEUR, REPOSANT SUR LE  
MODELE D'OBJET DOCUMENT, AVEC SYNCHRONISATION DELTA

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200321798 A2 20030313 (WO 0321798)

Application: WO 2002US27992 20020903 (PCT/WO US0227992)

Priority Application: US 2001316994 20010904; US 2001340606 20011213

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04B

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20141

English Abstract

A peer-to-peer communication system for use over an underlying computer network system, the peer-to-peer communication system comprising: at least two peers, each peer comprising: a Web browser; and a broker interposed between the browser and the underlying computer network system, with the broker being adapted to (1) monitor a first event taking place within the browser, encode the first event and associated changes in a first event message, and push the first event message to the at least one other peer over the underlying computer network system, whereby the at least one other peer can reproduce on the at least one other peer the changes associated with the first event; and (2) receive a second event message from the at least one other peer, where the second event message has been encoded to correspond to a second event and associated changes taking place on the at least one other peer, decode the second event message and push the results to the browser, whereby to recreate the changes associated with the second event within the browser.

French Abstract

L'invention concerne un systeme de communication poste a poste destine a etre utilise dans un systeme de reseau informatique sous-jacent. Le

systeme de communication poste a poste comprend au moins deux postes, chaque poste comprenant un navigateur Web et un courtier interpose entre le navigateur et le systeme de reseau informatique sous-jacent, le courtier pouvant (1) suivre un premier evenement prenant place dans le navigateur, coder ce premier evenement et des changements associes dans un premier message d'evenement, et pousser le premier message d'evenement vers l'autre poste sur le systeme de reseau informatique sous-jacent, cet autre poste pouvant reproduire les changements associes au premier evenement, et (2) recevoir un second message d'evenement de cet autre poste, ce second message d'evenement ayant ete code de facon a correspondre a un second evenement et a des changement associes prenant place sur cet autre poste, puis decoder le second message d'evenement et pousser le resultat vers le navigateur afin d'y recreer les changements associes au second evenement.

Legal Status (Type, Date, Text)

Publication 20030313 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:

Claims

Claim

... wherein the browser-broker connection is implemented in one of the group consisting of HTTP; XML - RPC ; and the Simple Object Access Protocol ( SOAP ),

27 A peer-to-peer communication system according to claim I wherein the contents of...

13/5,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00989347 \*\*Image available\*\*

**METHODS AND DEVICE FOR INTERFACING COMMUNICATION BETWEEN DEVICES ON DIFFERENT NETWORKS**

**PROCEDES ET DISPOSITIFS COMMUNICATION PAR MISE EN RELATION DE DISPOSITIFS SUR DES RESEAUX DIFFERENTS**

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Legal Representative:

KOHRs Martin (agent), Thomson multimedia, 46, quai Alphonse le Gallo, F-92648 Boulogne Cedex, FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200319361 A2 20030306 (WO 0319361)

Application: WO 2002EP9478 20020822 (PCT/WO EP0209478)

Priority Application: EP 2001402207 20010822

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7254

#### English Abstract

The invention concerns a 1. Method for interfacing communication between a first device (32) on a first network and a second device (35, 37) on a second network, the networks being connected by an interface device (31), the method being carried out by the interface device and being characterized by the steps of: detecting a first message on the first network, said first message being generated by the first device (32), said first message being relevant for the second device (35, 37); translating the first message into a format compatible with the second device (35, 37); sending a second message to the second device on the second network, the second message informing the second device that the first message has been detected; upon reception of a request from the second device, transmitting the translated first message. The invention also concerns a device for implementing the method.

#### French Abstract

La presente invention concerne un procede de communication par mise en relation d'un premier dispositif (32) situe sur un premier reseau et d'un second dispositif (35, 37) situe sur un second reseau, lesdits reseaux etant connectes par un dispositif d'interface (31), ledit procede etant mis en oeuvre par le dispositif d'interface et etant caracterise par les etapes consistant a: detecter un premier message sur le premier reseau, ledit premier message etant genere par le premier dispositif (32), ledit premier message etant pertinent pour le second dispositif (35, 37); a traduire le premier message en un format compatible avec le second dispositif (35, 37); a envoyer un second message au second dispositif situe sur le second reseau, le second message informant le second dispositif que le premier message a ete detecte ; lors de la reception d'une demande du second dispositif, a transmettre le premier message traduit. L'invention concerne egalement un dispositif permettant de mettre en oeuvre dudit procede.

#### Legal Status (Type, Date, Text)

Publication 20030306 A2 Without international search report and to be republished upon receipt of that report.

Examination 20030417 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

#### Claim

... 9 Method according to claim 8, wherein the request comprises one of the following: an **HTML** GET message, a **remote method invocation call** to the interface device.

10 Method according to one of the claims 2 to 7...

13/5,K/7 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00971341 \*\*Image available\*\*

**METHOD AND APPARATUS FOR PROVIDING REMOTE ACCESS OF PERSONAL DATA**  
**PROCEDE ET APPAREIL PERMETTANT L'ACCES A DISTANCE DE DONNEES PERSONNELLES**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200301356 A1 20030103 (WO 0301356)

Application: WO 2002US19927 20020624 (PCT/WO US0219927)

Priority Application: US 2001300789 20010625

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK  
(utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model)  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ  
TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-001/24

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6764

English Abstract

A method and apparatus for remote access of personal data using a remote device (110). The personal device (115) is uniquely associated with the user and may be configured to allow multiple users to access the device (115). When the user is authenticated (305), menu data is sent to the remote device (110). The menu data includes a list or persona data management applications (105) on the personal device (115) associated with the user.

French Abstract

La presente invention concerne un procede et un appareil permettant l'accès a distance de données personnelles au moyen d'un dispositif a distance (110). Le dispositif personnel (115) est associé uniquement a l'utilisateur et peut être configuré pour permettre a une pluralité

d'utilisateurs l'accès au dispositif (115). Lorsque l'utilisateur est authentifié (305), une donnée de menu est transmise au dispositif à distance (110). La donnée de menu comprend la liste d'applications de gestion de données personnelles (105) sur le dispositif personnel (115) associé à l'utilisateur.

Legal Status (Type, Date, Text)

Publication 20030103 A1 With international search report.

Publication 20030103 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Claims

Claim

... a web phone.

19 The apparatus of claim 17, wherein the communications path includes an XML-based RPC connection.

20 A processor readable medium having processor readable program code that, when executed by...

13/5,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00965586 \*\*Image available\*\*

**METHOD TO PROVIDE PRE-SELECTED INFORMATION**

**PROCEDE DE FOURNITURE D'INFORMATION SELECTIONNEE**

Patent Applicant/Assignee:

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Inventor(s):

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MUELLER Markus, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

ROGGLA Harald (agent), Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200299692 A2 20021212 (WO 0299692)

Application: WO 2002IB2082 20020604 (PCT/WO IB0202082)

Priority Application: EP 2001890177 20010606

Designated States: CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4560

English Abstract

The invention relates to a method and a computer device (1) to provide pre-selected information from at least one data network (4), in particular the Internet, for querying by a user terminal (6), in which certain data sources (3) offered by selected suppliers in the data network (4), in particular websites, are queried and particular contents

of these data sources (3) stored, which contents are queried by input or selection of search terms referring to desired products, services or information from suppliers and can be output via the terminal (6). In addition to the database (5) for the contents of the data sources (3), a database (7) can be provided for storing user-specific data entered via the terminal (6). In addition, a database (8) can be provided for storing statistical data. To secure the connection (9) between the terminal (6) and the computer device (1), devices (10) can be provided for encryption and decryption of the information transferred. The method and computer device (1) according to the invention provide particular data from a multiplicity of data sources (3) to the user of a terminal (6) and thus facilitate the finding of particular products, services or information in the data networks (4), in particular the Internet.

#### French Abstract

L'invention concerne un procede et un dispositif informatique (1) destines a fournir une information selectionnee a partir d'au moins un reseau de donnees (4), en particulier l'Internet, afin de realiser des requetes aupres d'un terminal d'utilisateur (6), dans lequel certaines sources de donnees (3) mises a disposition par des fournisseurs selectionnes du reseau de donnees (4), en particulier des sites web, sont questionnees et des contenus particuliers des ces sources de donnees (3) sont stockes, ces contenus etant requis par saisie ou par selection de termes de recherche se rapportant aux produits, services ou information recherches chez les fournisseurs et peuvent etre sortis via le terminal (6). En supplement a la base de donnees (5) de contenus des sources de donnees (3), il est possible de mettre en oeuvre une base de donnees (7) destinee a stocker des donnees utilisateur specifiques saisies via le terminal (6). Une autre base de donnees (8) peut permettre de stocker des donnees statistiques. Afin de securiser la connexion (9) entre le terminal (6) et le dispositif informatique (1), il est possible de mettre en place des dispositifs (10) de codage et de decodage de l'information transferee. Le procede et le dispositif informatique (1) de l'invention permettent de fournir, a l'utilisateur d'un terminal (6), des donnees particulieres a partir de multiples sources de donnees (3) et de trouver facilement des produits, des services ou une information particuliers dans les reseaux de donnees (4), en particulier sur l'Internet.

Legal Status (Type, Date, Text)

Publication 20021212 A2 Without international search report and to be republished upon receipt of that report.

#### Fulltext Availability:

Claims

#### Claim

... the dialog between user and

database (5) takes place via Hypertext Transfer Protocol (FITTP) or **Simple Object Access Protocol ( SOAP )** and the transferred documents correspond to the Extensible **Markup Language ( XML )** standard.

10 A method as claimed in claim 1, in which the dialog between user and database (5) takes place via Hypertext Transfer Protocol (HTTP) or **Simple Object Access Protocol ( SOAP )** and the transferred documents correspond to the Extensible **Markup Language (NAM) standard** or Hypertext **Markup Language ( HTML )** standard.

II. A computer device (1) for provision of pre-selected information from at least...



13/5,K/9 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00961261 \*\*Image available\*\*

**SYSTEM AND METHOD FOR FACILITATING WELDING SYSTEM DIAGNOSTICS**  
**SYSTEME ET PROCEDE PERMETTANT DE FACILITER LES DIAGNOSTICS D'UN SYSTEME DE**  
**SOUDAGE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200295323 A1 20021128 (WO 0295323)

Application: WO 2002US14388 20020508 (PCT/WO US0214388)

Priority Application: US 2001864741 20010524

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G01B-003/44

International Patent Class: G01B-003/52

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10251

**English Abstract**

A system and method for facilitating welding system diagnostics is provided. The invention includes a welder (110, 210, 510, 610), a local system (580), a remote system (160, 640), and/or an alarm component (290, 670). The invention provides for receiving sensor input(s), performing test sequence(s) based, at least in part, upon the sensor input(s) and/or performing internal diagnostics. A health status of the welder (110, 210, 510, 610) is determined and communicated to the local system (580), the remote system (160, 640) and/or the alarm component (290, 670). An expert component (592, 642) is employed to facilitate welding diagnostics based, at least in part, upon the health status of the welder (110, 210, 510, 610), welder data (128, 520, 624), an expert data store (594), a local service support data store (586), a remote expert data store (598, 650) and/or a remote service support data store (596, 660). Furthermore, a corrective action can be initiated by the welder (110, 210, 510, 610), local system and/or remote system (160, 640), at least temporarily, based, at least in part, upon the health status of the welder (110, 210, 510, 610).

**French Abstract**

L'invention porte sur un systeme et un procede permettant de faciliter les diagnostics d'un systeme de soudage. L'invention comporte une machine

a souder (110, 210, 510, 610), un systeme local (580), un systeme a distance (160, 640) et/ou un composant d'alarme (290, 670). L'invention concerne une (des) entree(s) de reception de capteur, des sequences de test s'inspirant au moins partiellement des entrees de capteur et/ou des diagnostics internes. Un statut de sante de la machine a souder (110, 210, 510, 610) est determine et le systeme local (580) le recoit, de meme que le systeme a distance (160, 640) et/ou le composant d'alarme (290, 670). Un composant specialise (592, 642) est utilise pour faciliter les diagnostics de soudage selon au moins partiellement le statut de sante de la machine a souder (110, 210, 510, 610), les donnees de la machine a souder (128, 520, 624), la memoire pour donnees specialisees (594), la memoire pour donnees de prise en charge d'un service local (586), la memoire pour donnees specialisees a distance (598, 650) et/ou la memoire pour donnees de prise en charge d'un service a distance (596, 660). Par ailleurs il est possible de mettre en place une action de correction temporaire selon au moins partiellement l'etat de sante de la machine a souder (110, 210, 510, 610).

Legal Status (Type, Date, Text)

Publication 20021128 A1 With international search report.

Examination 20030424 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... 2103 510@ 610) and the remote system (160, 640) via at least one of Dynamic

HTML , HTML , SHTML, VB Script, JAVA, CGI Script, JAVA Script, dynamic HTML , PPP, RPC , TELNET, TCP/IP, FTP, ASP, XML , PDF, EDI and WML formats.

3 The system of claim 2, the communications component (190, 270, 532, 618) dynamically...510, 61 0) and the local system (5 80) via at least one of

Dynamic HTML , HTML , SHTML, VB Script, JAVA, CGI Script, JAVA Script, dynamic HTML , PPP, RPC , TELNET, TCP/IP, FTP, ASP, XML , PDF, EDI and WML formats via the network interface (162, 222, 512, 680).

19 The system of claim 18...

13/5,K/10 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00959308 \*\*Image available\*\*

METHOD AND APPARATUS FOR IMPLEMENTING A DATA MANAGEMENT SYSTEM USING A METADATA SPECIFICATION

PROCEDE ET APPAREIL DE MISE EN OEUVRE D'UN SYSTEME DE GESTION DE DONNEES AU MOYEN D'UNE SPECIFICATION DE METADONNEES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200293430 A1 20021121 (WO 0293430)

Application: WO 2002US15308 20020513 (PCT/WO US0215308)

Priority Application: US 2001290896 20010514

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14640

English Abstract

A system and method for creating an object-oriented data access model. In one embodiment, consumers (406, 407) interact with the data access controller DAC (401) through object-oriented model interfaces (421, 422). An Object Access and Storage Model OASM specification contains declarations of customer method (404, 405) which interact with the non-OASM database (408). The Data Access Controller DAC (401) ensures that consumers (406, 407) interact with the information in accordance to the access rules specified by the OASM.

French Abstract

L'invention concerne un systeme et un procede de creation d'un modele d'accès a des donnees oriente objet. Selon un mode de realisation, des consommateurs (406, 407) sont en interaction avec l'unite de commande d'accès aux donnees, DAC, (401), a travers des interfaces de modele (421, 422) orientees objet. Une specification de modele de stockage et d'accès a un objet, OASM, contient des declarations de procede pour consommateurs (404, 405) en interaction avec la base de donnees non OASM (408). L'unite de commande d'accès aux donnees, DAC, (401) assure l'interaction des consommateurs (406, 407) avec les informations, en fonction des regles d'accès specifiees par l'OASM.

Legal Status (Type, Date, Text)

Publication 20021121 A1 With international search report.

Fulltext Availability:

Claims

Claim

... using any one of the distributed computing architectures, including (but not limited to) RMI, COM+, SOAP, and CORBA. To facilitate an XML-based distributed computing architecture, such as SOAP, this invention has the capability to serialize and de-serialize the data contents of its

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00948211      \*\*Image available\*\*

**INTERNET ENABLED HOUSEHOLD APPLIANCE FOR PROCESSING BAR CODE OR RFID TAGS  
APPAREIL DOMESTIQUE EQUIPE AVEC INTERNET PERMETTANT DE TRAITER DES  
ETIQUETTES RFID OU PRESENTANT UN CODE A BARRES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200282363 A1 20021017 (WO 0282363)

Application: WO 2002IB1092 20020402 (PCT/WO IB0201092)

Priority Application: US 2001826250 20010404

Designated States: CN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: G06K-017/00

International Patent Class: H05B-006/68; D06F-039/00; H04L-012/28;  
G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3875

**English Abstract**

A resource constrained device is disclosed which includes a tag reader, e.g., an RFID or barcode reader (11), a communication unit that can communicate information read from the tags to an information interface (13), and a controller (12). The controller (12) is arranged to send the information to the information interface via the communication unit. The information interface returns a response, e.g., comprising an XML document. The response is used by the controller to adjust operational parameters which modify the performance of an operational unit, e.g., a washing machine.

**French Abstract**

L'invention concerne un appareil a contraintes de ressources comportant un lecteur d'etiquette, par exemple, un lecteur de code a barres ou RFID (d'identification par radio-frequence) (11), une unite de communication capable de communiquer les informations lues sur les etiquettes a une interface d'information (13) et un controleur (12). Le controleur (12) est configure de maniere a envoyer les informations a l'interface d'information par l'unite de communication. L'interface d'information renvoie une reponse, comportant par exemple, un document XML. Cette reponse est utilisee par le controleur afin d'ajuster les parametres de fonctionnement qui modifient le fonctionnement de l'unite operationnelle, par une machine a laver.

**Legal Status (Type, Date, Text)**

Publication 20021017 A1 With international search report.

Publication 20021017 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

Fulltext Availability:  
Claims

Claim

... a client/server network. 3 . The apparatus according to Claim 2, wherein the documents comprise **XML** documents.  
4 The apparatus according to Claim 3, wherein the **XML** documents are expressed as **SOAP** messages. 5 . The apparatus according to Claim 1, wherein ...a client/server network. 11 The apparatus according to Claim 10, wherein the documents comprise **XML** documents.  
  
12 The apparatus according to Claim 1, wherein the **XML** documents are expressed as **SOAP** messages.  
  
13 The apparatus according to Claim 9, wherein the operation unit (125) comprises a...

13/5,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00948161 \*\*Image available\*\*  
**COUNTING AND BILLING MECHANISM FOR WEB-SERVICES BASED ON A SOAP-COMMUNICATION PROTOCOL**  
**MECANISME DE COMPTAGE ET DE FACTURATION POUR SERVICES WEB BASES SUR UN PROTOCOLE DE COMMUNICATION SOAP**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200282305 A2 20021017 (WO 0282305)  
Application: WO 2002EP2815 20020314 (PCT/WO EP0202815)  
Priority Application: EP 2001108466 20010404

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 3816

#### English Abstract

The present invention discloses a system and method for counting Web-Services by means of a Resource-Counter Service offered as an own, independent Web-Service based on a SOAP communication protocol as well as a system and method for billing Web-Services using the result of the Resource-Counter Service for calculation of a charge. The Resource-Counter Service may be accessed by all Service-Provider having service description of the Resource-Counter Service. The service description for the Resource-Counter Service may be preferably created and published by the Service-Provider, categorized by the Service-Broker, and can be found and used to invoke the Resource-Counter Service by all Service-Provider using a charging model for their Web-Services. The Resource-Counter Service mainly provides the functionality to create all necessary data allowing calculation of the charge for the use of a Web-Service. The final calculation of the charge itself may be done by a separate specific accounting and bill presentment component.

#### French Abstract

La presente invention concerne un systeme et un procede de comptage de services web au moyen d'un service de compteur de ressources offert en tant que service web independant base sur un protocole de communication SOAP, ainsi qu'un systeme et un procede de facturation de services web utilisant le resultat du service de compteur de ressources pour le calcul d'un prix. Le service de compteur de ressources est disponible pour tous les fournisseurs de service possedant une description du service de compteur de ressources. La description du service de compteur de ressources peut etre, de preference, creee et publiee par le fournisseur de service, categorisee par le courtier de service, et peut etre trouvee et utilisee pour invoquer le service de compteur de ressources par tous les fournisseurs de service utilisant un modele de tarification pour leurs services web. Le service de compteur de ressources possede principalement la fonctionnalite de creer toutes les donnees necessaires permettant de calculer le prix de l'utilisation d'un service web. Le calcul final du prix lui-meme peut etre effectue par un composant specifique de comptabilisation et de facturation separe.

#### Legal Status (Type, Date, Text)

Publication 20021017 A2 Without international search report and to be republished upon receipt of that report.

Examination 20030213 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability:

Claims

#### Claim

... Resource-Counter Service-Provider system according to claim 8, wherein said service description is a **XML** document.

11 -Web-Service architecture comprising:

a Service-Requester system comprising:

a communication component ( **SOAP** -client) allowing electronic communication between said Service Requester system and said Service-Provider system using...

DIALOG(R)File 349:PCT FULLTEXT  
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00945771 \*\*Image available\*\*

**MESSAGING INFRASTRUCTURE FOR IDENTITY-CENTRIC DATA ACCESS**  
**INFRASTRUCTURE DE MESSAGERIE D'ACCES AUX DONNEES BASE SUR L'IDENTITE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200279921 A2-A3 20021010 (WO 0279921)

Application: WO 2002US6244 20020301 (PCT/WO US0206244)

Priority Application: US 2001275809 20010314; US 20013754 20011022

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13805

English Abstract

A messaging data structure (700) for accessing data in an identity-centric manner. An identity may be a user, a group of users, or an organization. Instead of data being maintained on an application-by-application basis, the data associated with a particular identity is stored by one or more data services accessible by many applications. The data is stored in accordance with a schema that is recognized by number of different applications and the data service. The messaging data structure (700) includes fields that identify the target data object to be operated upon using an identity field (701), a schema field (703), and an instance identifier field (704). In addition, the desired operation (707) is specified. Thus, the target data object is operated on in an identity-centric manner.

French Abstract

La presente invention concerne une structure de messagerie de donnees

(700) permettant l'accès aux données basé sur l'identité. Une identité peut être un utilisateur, un groupe d'utilisateurs, ou une organisation. Au lieu de maintenir les données sur une base d'application individuelle, les données associées à une identité particulière sont stockées par une ou des services de données accessibles à plusieurs applications. Les données sont stockées selon un schéma qui est reconnu par un certain nombre d'applications différentes et le service de données. La structure de messagerie de données (700) comporte des champs qui identifient l'objet de données cible à être exploité au moyen d'un champ d'identité (701), un champ de schéma (703), et un champ d'identifiant d'instance (704). En outre, le type d'opération souhaitée (707) est précisée. Ainsi l'objet de données cible est exploité sur la base d'une identité. FIG. 7 : 701 IDENTITE 702 ADRESSE DE SERVICES 703 SCHEMA DE TYPES DE DONNEES 704 IDENTIFIANT D'INSTANCE 705 INFORMATION DE CORRELATION 706 IDENTIFIANT DE MESSAGES 707 TYPE D'OPERATION 708 FRAGMENT DE L'OBJET DE DONNEES 709 ACTION A EXERCER 710 AJOUT ? 711 EFFACEMENT ? 712 MISE A JOUR ? 713 INTERROGATION ? 714 CHAMP DE DONNEES 715 CONTENU ? 716 LISTE DE CONTROLE D'ACCES 717 DEMANDEUR 718 .ADRESSE DE REPONSE 719 PROTOCOLE DE TRANSPORT 720 VOIE

Legal Status (Type, Date, Text)

Publication 20021010 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030227 Late publication of international search report

Republication 20030227 A3 With international search report.

Fulltext Availability:

Claims

Claim

... messages are transmitted. [00611 In one embodiment, the data structure 700 is implemented as an **XML** document embedded within a **Simple Object Access Protocol (SOAP)** envelope

although the present invention is not so limited. The following illustrates an example of a request data structure in accordance with the present invention implemented as an **XML** document embedded in a **SOAP** envelope.

I 0 1 . <s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/"

2 xmlns:srp="http://schemas.xmlsoap.org/rp/"

3 xmlns:m="http://schemas.microsoft.com/soap/envelope/2003/05" purposes of clarity in describing this embodiment, but would not be numbered in the actual **XML** document. Lines 1-6 is the **SOAP** envelope opening tag and corresponds to line 38 which is the **SOAP** envelope closing tag. The **SOAP** envelope opening tag specifies

64 3@ 4; 1@ 64 " "hs...1, wherein the message type format is in accordance with a version of the **eXtensible Markup**

**Language (XML)** specification.

66 A computer-readable medium in accordance with Claim 65, wherein the data structure is structured within a **Simple Object Access Protocol (SOAP)** envelope.

67 In a computer network that includes a plurality of applications that operate...



13/5,K/14 (Item 14 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00941556 \*\*Image available\*\*

**COMPONENT/WEB SERVICE DATA SYNTHESIS USING TEST SOFTWARE**

**SYNTHESE DE DONNEES DE SERVICE COMPOSANT/WEB AU MOYEN D'UN LOGICIEL TEST**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200275610 A1 20020926 (WO 0275610)

Application: WO 2002US7611 20020313 (PCT/WO US0207611)

Priority Application: US 2001277072 20010319

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/50

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3583

**English Abstract**

The present invention provides data synthesis for a test sequence used to test methods of a software component (Figure 1). The present invention allows a wide variety of data types and forms to be synthesized in order to test the component. The present method generates parameter data and places it into a data table where each row of the table (Figure 2) provides a single instance of that data for the method.

**French Abstract**

L'invention concerne la synthese de donnees pour une sequence test utilisee pour tester les procedes d'un composant logiciel (figure 1). L'invention permet de synthetiser des types et des formes de donnees tres varies pour tester ce composant. Le procede selon l'invention permet de creer des donnees de parametres et de les placer dans une table de donnees dans laquelle chaque rangee (figure 2) fournit un exemple unique des donnees destinees au procede.

Legal Status (Type, Date, Text)

Publication 20020926 A1 With international search report.

Fulltext Availability:

Claims

Claim

... security number.

3 The method of claim I wherein said data comprises strings formatted as **XML** .

4 The method of claim 3 wherein said data comprises **XML** wrapped in a **SOAP** envelope.

5 The method of claim I wherein said synthesizing is done according to a methodology selected from the group including sequential, random, distributed, manual, reference, **XML** , **SOAP** , and import.

6 The method of claim I wherein said storing comprises storing said data ...

...The computer program product of claim I I wherein said data comprises strings formatted as **XML** .

14 The computer program product of claim 13 wherein said data comprises **XML** wrapped in a **SOAP** envelope.

15 The computer program product of claim 1 1 wherein said synthesizing is done according to a methodology selected from the group including sequential, random, distributed, manual, reference, **XML** , **SOAP** , and import. - 13

17 The computer program product of claim 1 1 further comprising instructions...

13/5,K/15 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00935248 \*\*Image available\*\*

**METHOD, SYSTEM AND COMPUTER PROGRAM FOR LOAD MANAGEMENT**

**PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR DESTINES A LA GESTION DE CHARGE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO-200269471-A1-20020906 (WO-0269471)

Application: WO 2002SE310 20020222 (PCT/WO SE0200310)

Priority Application: US 2001793589 20010227

Designated States: AE AG AL AM AT (utility model) AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ (utility model) DE (utility model) DK (utility

model) DM DZ EC EE ES FI (utility model) GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM  
PH PL PT RO RU SD SE SG SI SK (utility model) SL TJ TM TN TR TT TZ UA UG  
US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H02J-003/14

International Patent Class: H02J-013/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7210

#### English Abstract

The invention concerns a system, a method, and a computer program product for load management in an electrical power generation, transmission and distribution network. A device arranged at a load point comprises means for a procedure call that may be remotely invoked in order to switch on or off a part load of an end user for the purpose of load demand management. The invention enables load to be reduced incrementally and restored quickly and automatically. The invention is carried out in part by a computer program product. The invention advantageously uses web technology to provide a power network with automated load management in an economic way. In a power network, the invention spreads the load shaving more evenly over a wide geographical area, as opposed to the traditional method of "rotating blackouts".

#### French Abstract

L'invention concerne un systeme, un procede et un produit programme d'ordinateur destines a la gestion de charge dans un reseau de generation, transmission et distribution d'energie electrique. Un dispositif situe a un point de charge comprend un moyen destine a un appel de procedure qui peut etre appele a distance en vue de mettre a l'arret ou en marche une partie de charge d'un utilisateur final aux fins de gestion de demande. L'invention permet de reduire la charge progressivement et de la restaurer rapidement et automatiquement. L'invention est executee en partie par un produit programme d'ordinateur. L'invention utilise avantageusement la technologie web pour fournir un reseau de puissance avec une gestion de charge automatisee de facon economique. Dans un reseau d'energie, l'invention repartit la charge plus uniformement sur une large zone geographique, contrairement au procede classique de "pannes de rotation".

Legal Status (Type, Date, Text)

Publication 20020906 A1 With international search report.

Examination 20030109 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:

Claims

#### Claim

... the means to invoke

a remote procedure comprises a set of services compatible with  
an XML (eXtensible Markup Language) related standard such as  
SOAP (Simple Object Access Protocol) protocol.

11 A method according to claim 1, wherein the remote procedure invoked is implemented...a given load point device (15).

41 The system according to claim 37 wherein the **XML** document contains a data-'part that is compatible with the **SOAP** protocol.

42 A computer program product containing software code -portions or computer program elements which...

**13/5,K/16 (Item 16 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00925650 \*\*Image available\*\*

**POLICY IMPLEMENTATION**

**MISE EN OEUVRE DE POLITIQUES**

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Patent: WO 200259723 A2-A3 20020801 (WO 0259723)

Application: WO 2002US2304 20020125 (PCT/WO US0202304)

Priority Application: US 2001264414 20010126

Parent Application/Grant:

Related by Continuation to: US 2001264414 20010126 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00

International Patent Class: G06F-015/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2590

**English Abstract**

A method for implementing policies for nodes connected to a network having a policy manager (202) that determines the specific policy the node should receive, and a data source for the storage of policies comprising providing for the request of a policy from the node to the policy manager (202), providing for the determination of the particular provider (204) needed to facilitate transfer of the requested policy from

the data source, providing for the transfer of a resultant list of policies from the particular data source, providing for the modification of the list of policies in accordance with a dynamic set of policy rules (208), providing for the retrieval of the policy settings associated with the particular node making the request and providing for the implementation of the policy attributes on the particular node making the request.

#### French Abstract

L'invention concerne un procede de mise en oeuvre de politiques pour des noeuds connectes a un reseau ayant un gestionnaire de politique determinant la politique specifique a recevoir par le noeud devrait recevoir, et une source de donnees pour le stockage des politiques, consistant a repondre a la demande de politique d'un noeud au gestionnaire de politique, a determiner le fournisseur particulier necessaire pour faciliter le transfert de la politique demandee de la source de donnees, a transferer la liste de politiques obtenue de la source de donnees particuliere, a modifier la liste de politiques en fonction d'un ensemble dynamique de regles de politique, a recuperer les parametres de politique associes aux politiques dans la liste modifiee, a transferer les attributs de politique au noeud particulier faisant la demande, et a assurer la mise en oeuvre des attributs de politique sur le noeud particulier faisant la demande.

#### Legal Status (Type, Date, Text)

Publication	20020801	A2 Without international search report and to be republished upon receipt of that report.
Correction	20030123	Corrected version of Pamphlet: pages 1/8-8/8, drawings, replaced by new pages 1/4-4/4; due to late transmittal by the receiving Office
Republication	20030123	A2 Without international search report and to be republished upon receipt of that report.
Correction	20030123	Corrected version of Pamphlet:
Examination	20030213	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20030403	Late publication of international search report
Republication	20030403	A3 With international search report.

#### Fulltext Availability:

Claims

#### Claim

... for each object.

20 The method of claim 1 wherein the first system uses Extensible Markup Language (XML), Directory Services Markup Language (DSML), or Simple Object Access Protocol (SOAP).

21 The...

...wherein the first system uses Extensible Markup Language (XML), Directory Services Markup Language (DSML), or Simple Object Access Protocol (SOAP).

22 The method of claim 14 wherein the first system uses Extensible Markup Language (XML), Directory Services Markup Language (DSML), or Simple Object Access Protocol (SOAP).

23 A method for implementing policies for the administration of nodes connected to a network...

13/5,K/17 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00918363 \*\*Image available\*\*

SYSTEM FOR THE PROVISION OF GOODS AND SERVICES OVER A DISTRIBUTED  
COMMUNICATION NETWORK

SYSTEME DE FOURNITURE DE BIENS ET DE PRESTATION DE SERVICES VIA UN RESEAU  
DE COMMUNICATIONS DISTRIBUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200252378 A2-A3 20020704 (WO 0252378)

Application: WO 2001US49774 20011221 (PCT/WO US0149774)

Priority Application: US 2000258090 20001226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7951

English Abstract

The present invention is directed to a real-time logistics and fulfillment system for orders placed on-line that incorporates a real-time closed-loop communication engine (2) to each of a plurality of merchants (1), having an auto-archive and resubmission capabilities (7), which provides guaranteed message delivery and response over a

communication network. The present invention incorporates a process handler (9) programmed to receive logistical and fulfillment information (8) on an item offered by a merchant (3) from a vendor in real-time upon submission of an order for the item by a customer, and to return the logistical and fulfillment information to the merchant in real-time.

#### French Abstract

La presente invention concerne un systeme temps reel de logistique et d'exécution concernant des ordres passés en ligne. Ce systeme integre un moteur de communication temps reel en boucle fermée au profit de chacun des commerçants d'une pluralité de commerçants. Il est capable d'archiver automatiquement et de renouveler les soumissions. Il garantit la remise des messages et réponses via un réseau de communication. Le systeme comporte un gestionnaire de traitements programme, d'une part pour recevoir en temps reel d'un détaillant des informations de logistique et d'exécution se rapportant a une référence proposée par un commerçant des qu'un client a passé commande de cette référence, et d'autre part pour retourner en temps reel au commerçant les informations de logistique et d'exécution.

#### Legal Status (Type, Date, Text)

Publication 20020704 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030116 Late publication of international search report

Republication 20030116 A3 With international search report.

#### Fulltext Availability:

Claims

#### Claim

... Claim 1, wherein said communication among said merchant, said vendor, and said process handler incorporates **XML**.

7 The system of Claim 1, wherein said communication among said merchant, said vendor, and said process handler incorporates **SOAP**.

8 The system of Claim 1, wherein said process handler further comprises a frontend interface... Claim 17, wherein said communication among said merchant, said vendor, and said process handler incorporates **XML**.

22 The system of Claim 17, wherein said communication among said merchant, said vendor, and said process handler incorporates **SOAP**.

23 The system of Claim 17, wherein said process handler further comprises a front end... 31, wherein said transmission of said fulfillment information to said merchant is accomplished using **XML**.

39 The method of Claim 31, wherein said transmission of said information to said merchant is accomplished using **SOAP**.

3 5

13/5,K/18 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00914617\_ \_\*\*Image available\*\*\_ \_ \_ \_ \_

CONDITION DIAGNOSING

APPAREIL ET PROCEDE DE DIAGNOSTIC

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200248718 A2-A3 20020620 (WO 0248718)  
Application: WO 2001SE2783 20011214 (PCT/WO SE0102783)  
Priority Application: US 2000255424 20001215  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: H02H-006/00  
International Patent Class: H02H-007/04; G01R-031/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 13033

#### English Abstract

The present invention discloses a method and apparatus (5) for condition diagnosing of an inductive power device (1), such as a transformer or reactor, having power windings (2) immersed in a fluid (3) being cooled by cooling devices (4). The diagnosing method basically compares and evaluates expected heat flows into and out from the inductive power device (1) system together with an actual and a previous heat content of such a system. From the heat flows the heat balance in the system may be obtained and is used for diagnosing the operation conditions of the inductive power device (1). The results from the condition diagnosing may be used as indicators (70) that can alarm operators, may be sent as a data signal (80) to remote and/or portable display means (85), such as a computer, or may be used as input data to control or simulation systems.

#### French Abstract

L'invention se rapporte a un procede et un appareil (5) servant a diagnostiquer l'etat d'un dispositif de puissance inductif (1), tel qu'un transformateur ou un reacteur, equipe d'enroulements de puissance (2) plonges dans un fluide (3) refroidi par des dispositifs de refroidissement (4). Le procede de diagnostic consiste simplement a comparer et a estimer les flux de chaleur prevus qui entrent et sortent du dispositif de puissance inductif (1) avec une enthalpie actuelle et precedente d'un tel systeme. Il est possible d'obtenir, a partir des flux de chaleur, le bilan calorifique dans le systeme, et d'utiliser ce dernier dans le but de diagnostiquer les conditions de fonctionnement du dispositif de puissance inductif (1). Les resultats obtenus peuvent alors servir d'indicateurs (70) d'alerte aux operateurs, et peuvent etre envoyes sous la forme d'un signal de donnees (80) a des dispositifs d'affichage (85) a distance et/ou portables, tels qu'un ordinateur, ou peuvent servir de donnees d'entree dans des systemes de commande ou de simulation.

Legal Status (Type, Date, Text)



Publication 20020620 A2 Without international search report and to be  
republished upon receipt of that report.  
Search Rpt 20020815 Late publication of international search report  
Republication 20020815 A3 With international search report.  
Examination 20021219 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:  
Claims

Claim

... claim 45, characterized in that said  
standard is selected from the list of:  
Hyper Text Markup Language ( HTML );  
Extensible HTML ( XHTML );  
Extensible Markup Language ( XML );  
Simple Object Access Protocol ( SOAP ); and  
Wireless Device Markup Language (WDML).

47 The data signal according to any of the claims 44 to 46, characterized  
...

13/5,K/19 (Item 19 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00905187 \*\*Image available\*\*

**AUTOMATED PROVISIONING FRAMEWORK FOR INTERNET SITE SERVERS**  
**STRUCTURE DE PROVISIONNEMENT AUTOMATISE POUR SERVEURS DE SITE INTERNET**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200239257 A2 20020516 (WO 0239257)

Application: WO 2001US42871 20011031 (PCT/WO US0142871)

Priority Application: US 2000699329 20001031; US 2000699350 20001031; US  
2000699354 20001031

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11087

English Abstract

A framework for automatically provisioning computing devices includes a

central database system and a central file system. Information stored in the database comprises a model of the individual devices, as well as the interconnections of the devices. The central file system stores the software components to be installed on the devices. When provisioning is carried out, the database sends commands to agents located on each device which cause them to retrieve and install the software components from the file system, and to configure the components according to the stored model.

French Abstract

L'invention concerne une structure destinee au provisionnement automatique de dispositifs informatiques, qui comprend un systeme de base de donnees central et un systeme de fichiers central. Les informations stockees dans la base de donnees comprennent un modele des dispositifs individuels, ainsi que les interconnexions des dispositifs. Le systeme de fichiers central stocke les composants logiciels a installer dans les dispositifs. Lors d'un provisionnement, la base de donnees envoie des commandes a des agents situes dans chaque dispositif pour qu'ils retirent ou installent les composants logiciels a partir du systeme de fichiers, et pour qu'ils configurent les composants conformement au modele stocke.

Legal Status (Type, Date, Text)

Publication 20020516 A2 Without international search report and to be republished upon receipt of that report.

Examination 20030116 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... employed by said devices.

4 The method of claim 3, wherein said second protocol includes  
**remote procedure calls** .

5 The method of claim 4, wherein said second protocol comprises  
**XML - RPC** .

6 The method of claim 1, further including the step of recognizing a change in...

**13/5,K/20 (Item 20 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00870962 \*\*Image available\*\*

**AUTOMATED TOOL MANAGEMENT IN A MULTI-PROTOCOL ENVIRONMENT**

**GESTION D'OUTILS AUTOMATISEE DANS UN ENVIRONNEMENT MULTIPROTOCOLE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200205043 A2-A3 20020117 (WO 0205043)

Application: WO 2001US21318 20010706 (PCT/WO US0121318)  
Priority Application: US 2000216819 20000707; US 2001899833 20010705  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G05B-019/4093  
International Patent Class: G05B-019/418  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 8384

#### English Abstract

A system, computer program product and method for automated tool management in a multi-protocol environment. A user may issue a message in accordance with an object-oriented interapplication communication protocol to a corresponding application interface unit. The message may be a request to perform a particular action on a selected tool. The content of the message may be extracted by the corresponding application interface unit which may comprise data required by the requested action and a pointer to the object representing the tool. The application interface unit may invoke a method of the object pointed to by the pointers in the message. A value may then be procured by an equipment model where the value may be associated with particular information requested in the message about a tool or a notification informing the user that an event occurred. The equipment model may transfer the value to the appropriate user.

#### French Abstract

L'invention concerne un systeme, un produit programme informatique et un procede de gestion d'outils automatise dans un environnement multiprotocole. Un utilisateur peut emettre un message destine a une unite d'interface d'applications correspondante en fonction d'un protocole de communication entre des applications orientee vers des objets. Le message peut etre une demande de realisation d'une action specifique sur un outil selectionne. Le contenu du message peut etre extrait par ladite unite d'interface d'applications correspondante qui peut comprendre des donnees requises par l'action demandee et un pointeur destine a l'objet representant l'outil. L'unite d'interface d'applications peut faire appel a un procede de l'objet pointe par les pointeurs dans le message. Une valeur peut alors etre introduite par un modele d'equipement, dans lequel la valeur peut etre liee a une information specifique demandee dans le message concernant un outil ou une notification informant l'utilisateur qu'un evenement s'est produit. Le modele d'appareil peut transferer la valeur a l'utilisateur approprie.

#### Legal Status (Type, Date, Text)

Publication 20020117 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20020530 Late publication of international search report  
Republication 20020530 A3 With international search report.  
Republication 20020530 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:  
Claims

Claim

... a protocol selected from the following: Component  
Object Model (COM), Remote Method Invocation(RMI), CORBA, **Simple  
Object  
Access Protocol ( SOAP ), SECS, GEM, HyperText Markup Language  
(IITML),  
Extensible Markup Language ( XML ).**  
9 The method as recited in claim. 1, wherein said method of said object  
is...

...a protocol selected from. the following:  
Component Object Model (COM), Remote Method Invocation(RMI), CORBA,  
**Simple Object Access Protocol ( SOAP ), SECS, GEM, HyperText  
Markup  
Language ( HTML ), Extensible Markup Language ( XML ).**  
24

19 The computer program product as recited in claim 1 ...a protocol  
selected from the following: Component  
Object Model (COM), Remote Method Invocation(RMI), CORBA, **Simple  
Object  
Access Protocol ( SOAP ), SECS, GEM, HyperText Markup Language (**  
**HTML ),**  
**Extensible Markup Language ( XML ).**

29 The system. as recited in claim. 21, wherein said method of said  
object is...

13/5,K/21 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00867264 \*\*Image available\*\*

**TYPE CONVERSION TECHNIQUE FACILITATING REMOTE SERVICE INVOCATION**  
**TECHNIQUE DE CONVERSION DE TYPES FACILITANT LE TELEAPPEL DE SERVICES**  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200201356 A1 20020103 (WO 0201356)  
Application: WO 2001US19007 20010612 (PCT/WO US0119007)  
Priority Application: US 2000599510 20000623

Designated States: JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

-----Main-International-Patent-Class:-G06F-009/54-----

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

## Claims

Fulltext Word Count: 2475

### English Abstract

The present invention, generally speaking, provides a messaging framework (101) including a flexible type conversion facility (107, 111) for use in remote method invocation via the Internet. When the framework (101) receives a message, a request message decoder (105) decodes the message; a tag conversion routine (107) converts any parameters into objects, locates the appropriate message handler; and an invoker module (107) invokes the requested method on that handler, and communicates a return value (or exception) via a response message. In the case of the **SOAP** protocol, for example, the return value (or exception) is encoded into **XML** and wrapped in a **SOAP** protocol response message. Dynamic type conversion (111) of parameters into objects is performed using a tag library system (107). In the tag library system (107), special user-defined modules (115) (called "type factories") are handed XML elements for conversion into objects. Unlike a strictly type-conversion architecture such as classic object serialization, there are no dependencies between the XML input and the objects produced by the type factory. Furthermore, the factory is not required to extract all of the content during a conversion, but can pass the raw XML content to the constructed object for later use.

### French Abstract

L'invention porte de maniere generale sur une structure (101) de messagerie comprenant un dispositif (107) de conversion de type souple utilisable avec un service de teleappels via Internet. Lorsque la structure (101) recoit un message, un decodeur (105) le decode, une routine (107) de conversion des marqueurs en convertit les parametres en objets, localise le gestionnaire de messages approprie, et un module d'appel (107) requiert la methode demandee dudit gestionnaire puis communique une valeur en retour (ou exception) via un message de reponse. Dans le cas du protocole **SOAP** par exemple, la valeur en retour (ou exception) est codee en **XML**, et inclue dans le message de reponse dudit protocole. La conversion (111) de type dynamique des parametres en objets se fait a l'aide d'un systeme (107) de bibliotheque de marqueurs dans lequel (107) des modules (115) speciaux definis par l'utilisateur (dits "usine a types") sont les elements traites par XML devant etre convertis en objets. Contrairement a l'architecture de type conversion stricte telle que la serialisation classique d'objets, il n'existe pas de dependance entre les entrees XML et les objets produits par l'usine a types. De plus l'usine ne doit plus extraire tout le contenu pendant la conversion, mais peut passer le contenu XML brut a l'objet construit en vue d'une utilisation ulterieure.

### Legal Status (Type, Date, Text)

Publication 20020103 A1 With international search report.

Publication 20020103 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20020516 Request for preliminary examination prior to end of 19th month from priority date

Correction 20021227 Corrected version of Pamphlet: pages 1/5-5/5, drawings, replaced by new pages 1/4-4/4; due to late transmittal by the receiving Office

Republication 20021227 A1 With international search report.

Examination 20030320 Request for preliminary examination prior to end of 19th month from priority date

### English Abstract

...communicates a return value (or exception) via a response message. In the case of the SOAP protocol, for example, the return value (or exception) is encoded into XML and wrapped in a SOAP protocol response message. Dynamic type conversion (111) of parameters into objects is performed using a...

#### French Abstract

...valeur en retour (ou exception) via un message de reponse. Dans le cas du protocole SOAP par exemple, la valeur en retour (ou exception) est codee en XML, et inclue dans le message de reponse dudit protocole. La conversion (111) de type dynamique...

13/5,K/22 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00797970 \*\*Image available\*\*

#### INVESTMENT ADVICE SYSTEMS AND METHODS

#### SYSTEMES ET PROCEDES DE CONSEIL EN INVESTISSEMENTS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200131538 A1 20010503 (WO 0131538)

Application: WO 2000US29450 20001025 (PCT/WO US0029450)

Priority Application: US 99161258 19991025

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22051

#### English Abstract

The present invention provides investment advice systems. One version of the present invention provides investment advice systems that allow a user to select one or more advisors from a list of investment advisors. According to this version of the invention, the end user can receive advice on an particular transaction either separately from each investment advisor or in consensus. The system offers advice in part on the user's portfolio, tax position and risk profile and in part on the advisors evaluation of current market conditions. Thus, when a user is

considering making a transaction, the user can obtain advice that can take into portfolio information including a user's proposed transaction and/or user portfolio information. A user armed with the above-described customized advice can execute a specific transaction and have their portfolio updated to reflect execution of that (those) order(s). In an alternative embodiment, a user's desire to buy or sell a security and/or a need for rebalancing a user's portfolio can generate transaction(s). As a result, the system will generate a buy/sell list (including recommended alternatives) from which a user can select.

#### French Abstract

La presente invention concerne des systemes de conseil en matiere d'investissements. Une premiere version de cette invention fournit des systemes de conseils en investissements qui permettent a l'utilisateur de selectionner un ou plusieurs conseillers dans une liste de conseillers en investissements. Selon cette version, l'utilisateur final peut recevoir des conseils sur une transaction particuliere de la part d'un des conseillers, soit de maniere individuelle soit en accord avec les autres conseillers. Ce systeme offre des conseils en partie sur le portefeuille, la situation fiscale, et le profil des risques de l'utilisateur, et en partie sur l'evaluation des conseillers de la situation actuelle du marche. Ainsi, lorsqu'un utilisateur envisage d'effectuer une transaction, il peut obtenir des conseils, par exemple des informations de portefeuille telles qu'une transaction d'utilisateur proposee et/ou des informations de portefeuille d'utilisateur. Grace a ce dispositif personnalise, l'utilisateur peut executer une transaction specifique et son portefeuille peut etre mis a jour afin de reflechir l'execution de son/ses ordre(s). Dans une variante, le desir d'un utilisateur d'acheter ou de vendre un titre et/ou le besoin de reequilibrer le portefeuille d'un utilisateur peuvent creer une/des transaction(s). Ainsi, le systeme creera une liste d'achats/ventes (comprenant les options recommandees) a partir de laquelle l'utilisateur peut faire son choix.

#### Legal Status (Type, Date, Text)

Publication 20010503 A1 With international search report.  
Publication 20010503 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20010816 Request for preliminary examination prior to end of 19th month from priority date  
Correction 20020815 Corrected version of Pamphlet: pages 1/29-29/29, drawings, replaced by new pages 1/29-29/29  
Republication 20020815 A1 With international search report.  
Fulltext Availability:  
Claims

#### Claim

... is generally limited to making information and transaction processing requests and generally does not use **HTML** streams. The protocol for making such requests and returning results is called the **Simple Object Access Protocol (SOAP)**. **SOAP** uses the underlying **HTTP** transport to package requests into **XML** streams and call methods on a Server. **SOAP** requests take a more direct path to the **ASPC** services than do browser requests. The...

13/5,K/23 (Item 23 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00764236 \*\*Image available\*\*

**METHOD AND APPARATUS FOR PROVIDING NETWORK SERVICES**

**METHODE PERMETTANT DE FOURNIR DES SERVICES RESEAU ET SYSTEME CORRESPONDANT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200077653 A1 20001221 (WO 0077653)  
Application: WO 2000US40185 20000609 (PCT/WO US0040185)  
Priority Application: US 99329606 19990610

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12542

**English Abstract**

The invention provides a method and apparatus for accessing and using services and applications from a number of sources into a customized application. The present invention accomplishes this through an entity referred to as a web service. The web services architecture maintains a directory of services (102) available to provide processing or services, along with the location of the services and the input/output schemas (401) required by the services. When a request for data or services is received (301), appropriate services are invoked by a web services engine (101) using service drivers (601) associated with each service. A web services application (605) is then generated from a runtime model (602) and is invoked to satisfy the request, by communicating as necessary with services in proper I/O formats. In one embodiment, the web services application (605) provides responses in the form of HTML that can be used to generate pages to a browser.

**French Abstract**

Cette invention a trait a une methode permettant d'accéder a des services ainsi qu'a des applications, et de les utiliser, lesquels services et applications emanent d'un certain nombre de sources, dans une application personnalisée, ce qui est possible grace a une entite designee comme un service du web. L'architecture des services du web maintient a disposition un annuaire de services (102) destine a assurer un traitement ou a fournir des services ainsi que la localisation des services et les schemas d'entree/sortie (401) requis par les services. Lorsqu'une demande relative a des donnees ou a des services est recue (301), les services



pertinents sont appeles par un moteur des services du web (101) par le biais des pilotes de service (601) associes a chaque service. Une application de services du web (605) est alors produite a partir d'un modele d'execution (602) et appelee pour satisfaire la demande, par communication, le cas echeant, avec des services sous les formats E/S appropries. Dans une realisation, l'application des services du web (605) fournit des reponses en langage hypertexte pouvant etre utilise pour produire des pages pour un navigateur de reseau.

Legal Status (Type, Date, Text)

Publication 20001221 A1 With international search report.

Publication 20001221 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

Examination 20010927 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Claims

Claim

... is shown in Figures 2A and 2B. Referring first to Figure 2A, an example of **remote procedure call** /application programmer interface 23 ( **RPC** /API) accessible applications shown. The system with the service via **XML** in/out interface. Service driver A converts **XML** requests to satisfy the appropriate API of the application or message broker 201 being accessed...

13/5,K/24 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00378672 \*\*Image available\*\*

**SEARCH ENGINE FOR REMOTE OBJECT ORIENTED DATABASE MANAGEMENT SYSTEM**

**MOTEUR DE RECHERCHE POUR SYSTEME DE GESTION DE BASE DE DONNEES ORIENTEE  
OBJETS ELOIGNES**

Patent Applicant/Assignee:

CADIS INC,

Inventor(s):

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TERPENING Brooke,

NEAL Michael,

APPELBAUM Matthew A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9719415 A2 19970529

Application: WO 96US18833 19961107 (PCT/WO US9618833)

Priority Application: US 956317 19951107

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM  
AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G06K-017/30

International Patent Class: G06F-15:163

Publication Language: English

Fulltext Availability:

Detailed Description

## Claims

Fulltext Word Count: 17441

### English Abstract

A system is disclosed for remotely accessing database management systems (5130) and performing guided iterative queries of knowledge bases (110) over a communication circuit such as the Internet (5124). The system includes a Web browser (5120) having a Java™ runtime environment (4015), and executable content client (5121) that may be downloaded from a remote location (103). A Krakatoa proxy server (5128), socket (5021) and tunnel (5129) establish a mechanism for remote procedure calls through firewalls (5126) via an HTTP server (5127). Guardrail counts (750) are preferably displayed to the remote searcher to facilitate guided iterative queries of the remote knowledge base (110). A configurable graphical action region (700) is preferably provided to the remote searcher via a graphic user interface to provide powerful navigation and linking of diverse useful information which varies based upon contexts selected by the remote searcher.

### French Abstract

Cette invention concerne un systeme concu pour acceder a distance a des systemes de gestion de base de donnees (5130) et executer des interrogations iteratives guidees de bases de connaissances (110) sur un reseau de transmission tel que l'Internet (5124). Ledit systeme comprend un explorateur du Web (5120) ayant un environnement d'execution (4015) de type Java™ ainsi qu'un client (5121) du contenu executable que l'on peut telecharger depuis un emplacement eloigne (103). Un serveur proxy de type Krakatoa (5128), un point de connexion (5021) et un tunnel etablissent un mecanisme destine a des appels de procedures eloignes a travers des coupe-feu (5126) par l'intermediaire d'un serveur HTTP (5127). Des comptes a effet de garde-corps (750) sont de preference affiches a l'intention de l'utilisateur procedant a la recherche a distance de facon a faciliter les interrogations iteratives guidees de la base de connaissances (110) eloignee. L'utilisateur procedant a la recherche a distance dispose de preference d'une zone d'action graphique (700) configurable par l'intermediaire d'une interface graphique utilisateur qui lui permet de disposer d'une puissante fonction d'exploration et de formation de liens entre diverses informations utiles qui varient en fonction du contexte selectionne par l'utilisateur procedant a la recherche a distance.

### Fulltext Availability:

Claims

### Claim

... machine runtime environment of the browser, said remote procedure call mechanism being capable of translating **remote procedure calls** into text format information that can be transmitted over said communications circuit by said browser in an **HTML** simulated format that appears to a remotely located HTML server as an HTML format; and...

...text information

received from said executable content client application via said communications circuit from said **HTML** simulated format into **remote procedure calls** to perform queries on said remotely located data base management system server.

2 The apparatus...

?

Set	Items	Description
S1	18863	XML OR HTML OR (MARKUP OR MARK()UP) (1W) (LANGUAGE? OR METAL- LANGUAGE?) OR CXML OR SGML OR XGML OR SAML OR GML OR PML OR XA- CML
S2	2229	SAML OR HDML OR XRML OR VOXML OR SMIL OR WML OR UIML OR FS- ML OR CFML OR STML OR XHTML OR DSML OR SMBXML OR DAML OR FPML OR PMML OR JSML
S3	2420	RPC OR REMOTE(1W) (PROCEDURE? ? OR FUNCTION? ? OR SUBROUTIN- E? OR SUB()ROUTINE? ? OR METHOD? ? OR INVOK? OR INVOC? OR SER- VICE? ?) (1W) (CALL??? ? OR REQUEST?)
S4	211	RPCS
S5	37228	(PROCEDURE? ? OR FUNCTION? ? OR SUBROUTINE? OR SUB()ROUTIN- E? ? OR METHOD? ? OR INVOK? OR INVOC? OR SERVICE? ?) (1N) (CALL- ??? ? OR REQUEST?)
S6	1543	S5(2N) (REMOTE? OR REMOVED OR DISTANT? OR OFFSITE? OR OFF()- SITE? ? OR ELSEWHERE OR ELSE()WHERE)
S7	33	S5(2N) (ANOTHER OR OTHER OR DIFFERENT) (1W) (LOCATION? ? OR P- LACE? ? OR SITE? ? OR LOCALE? ?)
S8	10	WINRPC OR ORPC
S9	15744	SOAP OR SIMPLE()OBJECT()ACCESS()PROTOCOL?
S10	254	S1:S2(20N) (S3:S4 OR S6:S9)
S11	24	S10/TI,AB,CM
S12	24	IDPAT (sorted in duplicate/non-duplicate order)
S13	24	IDPAT (primary/non-duplicate records only)
S14	107	IC='G06F-009/54'
S15	3665	IC='G06F-015/16':IC='G06F-015/163'
S16	29	S10 AND S14:S15
S17	27	S16 NOT S13
S18	27	IDPAT (sorted in duplicate/non-duplicate order)
S19	27	IDPAT (primary/non-duplicate records only)

? t19/5,k/all

19/5,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01006429 \*\*Image available\*\*  
**INTEGRATOR ADAPTOR AND PROXY BASED COMPOSITE APPLICATION PROVISIONING  
METHOD AND APPARATUS**  
**ADAPTATEUR D'INTEGRATEUR ET PROCEDE ET APPAREIL PERMETTANT D'OBTENIR DES  
APPLICATIONS COMPOSITES PROXY**

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AUYEUNG Aloysius T C (et al) (agent), Schwabe, Williamson & Wyatt, P.C.,  
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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200336495 A1 20030501 (WO 0336495)  
Application: WO 2002US32991 20021015 (PCT/WO US0232991)  
Priority Application: US 2001348361 20011019; US 20024 20020906

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6796

#### English Abstract

An integrator (204), a plurality of adapters (206) corresponding to a plurality of applications, and a proxy (202) are employed to cooperatively provision the applications as a composite application. In one embodiment, the integrator selectively invokes the appropriate adapters, which in turn, invokes another application, via its adaptor. Each of the integrator and adapters may through the proxy, modify a provisioned portion of one the applications. Selected ones of the integrator and adapters may also have operations performed while the proxy is in a pre-proxy and/or a post-proxy state, thereby facilitating the cooperative provisioning of the applications. Further, modifications to facilitate subsequent requests to be redirected back to the integrator are distributed, and performed on the composite application consuming clients.

#### French Abstract

L'invention concerne un integrateur (204), une pluralite d'adaptateurs (206) correspondant a une pluralite d'applications et un programme proxy (202) qui, utilise ensemble, permettent d'obtenir une application composite. Dans un mode de realisation, l'integrateur appelle de maniere selective les adaptateurs appropries qui, a leur tour, appellent une autre application, par l'intermediaire de son adaptateur. L'integrateur et chacun des adaptateurs peuvent, par l'intermediaire du programme proxy, modifier une partie determinee d'une des applications. L'integrateur et les adaptateurs selectionnes executent egalement des operations tandis que le programme proxy se trouve dans un etat pre-proxy et/ou post-proxy, facilitant ainsi la creation collective des applications. De plus, des modifications destinees a faciliter le retour de demandes ulterieures vers l'integrateur sont distribuees, et executees sur les clients utilisant l'application composite.

Legal Status (Type, Date, Text)

Publication 20030501 A1 With international search report.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

#### Detailed Description

... Manufacturers Association

HTTP(S) Hypertext Transmission Protocol (over SSL)

SDRAM Static Direct Random Access Memory

**SOAP Simple Object Access Protocol**

SSL Secure Sockets Layer

TCP/IP Transmission Control Protocol/Internet Protocol

URL Uniform Resource Locator

**XML eXtended Markup Language**

Section Headings, Order of Descriptions and Embodiments

Section headings are merely employed to improve readability...

19/5,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01006425 \*\*Image available\*\*

**MOBILE CLIENT PROVISIONING WEB SERVICE**

**SERVICE WEB D'APPROVISIONNEMENT DE CLIENTS MOBILES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200336491 A1 20030501 (WO 0336491)

Application: WO 2002IB4173 20021010 (PCT/WO IB0204173)

Priority Application: US 200136058 20011026

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9629

**English Abstract**

A system and method for provisioning mobile clients (202) on a network for use of network service applications (204) via a provisioning Web service. At least one mobile terminal is coupled to at least one network service via the mobile client provisioning Web service. The provisioning Web service provides a single point of interface to network service for provisioning the mobile terminal. The mobile terminal (202) is provisioned by the provisioning Web service for use of at least one application (204) provided by the network service, where the provisioning includes at least configuring the mobile terminal for use of the application, and delivering the application to the mobile terminal.

**French Abstract**

La presente invention concerne un systeme et un procede d'approvisionnement de clients mobiles (202) permettant d'utiliser des applications de services reseau (204) par l'intermediaire d'un service Web d'approvisionnement sur un reseau. Au moins un terminal mobile est couple a au moins un service reseau par l'intermediaire du service Web d'approvisionnement de clients mobiles. Le service Web d'approvisionnement constitue un point unique d'interface au service reseau permettant d'approvisionner le terminal mobile. Le terminal mobile (202) est approvisionne par le service Web d'approvisionnement permettant

d'utiliser au moins une application (204) fournie par le service reseau, l'approvisionnement consistant au moins a configurer le terminal mobile permettant d'utiliser l'application et a fournir l'application au terminal mobile.

Legal Status (Type, Date, Text)

Publication 20030501 A1 With international search report.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

Detailed Description

... XIVIL messages may be communicated. An XIVIL messaging layer, such as Simple Object Access Protocol ( **SOAP** ) also represents a core layer of Web services. **SOAP** is a protocol specification that defines a uniform manner of passing **XML** -encoded data, as well as defines a manner to perform **RPCs** using HTTP as the underlying communication protocol.

Higher level layers of the Web services stack...layer server, such as an HTTP server 406. The Web services endpoint also includes an **XML** messaging engine 408, such as that provided by **SOAP** to parse incoming requests and generate appropriate responses. The Web services endpoint module 402 of...

**19/5,K/3 (Item 3 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00997880 \*\*Image available\*\*

**SYSTEMS AND METHODS OR ENHANCING STREAMING MEDIA**

**SYSTEMES ET PROCEDES AMELIORANT LA DIFFUSION DE MEDIA CONTINUS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200327875 A1 20030403 (WO 0327875)

Application: WO 2002US30069 20020924 (PCT/WO US0230069)

Priority Application: US 2001324065 20010924

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14783

#### English Abstract

Streaming media is delivered in various scenarios that include live/on-demand events, Real/Windows Media platforms, and Netscape/Internet Explorer browsers (110). Systems (100) and methods or enhancing streaming media delivery in this environment are disclosed.

#### French Abstract

L'invention concerne des media continus diffuses dans divers environnements comprenant des evenements diffuses en direct ou a la demande, des plate-formes Real ou Windows Media, et des navigateurs Netscape ou Internet Explorer (110). Elle concerne des systemes (100) et des procedes pouvant ameliorer la diffusion de media continus dans cet environnement.

Legal Status (Type, Date, Text)

Publication 20030403 A1 With international search report.

Publication 20030403 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

#### Detailed Description

... networking port open. In one embodiment, the encoder implements TCP/IP sockets sending and receiving XML messages. In another embodiment, technologies such as SOAP or other technologies could also be used. In yet another embodiment, server side Java could...

19/5,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00975273 \*\*Image available\*\*

**WEB SERVICE DEVELOPMENT PLATFORM FOR ASYNCHRONOUS WEB SERVICES**

**PLATE-FORME DE DEVELOPPEMENT FONDEE SUR DES ANNOTATIONS POUR SERVICE WEB ASYNCHRONE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200305221 A1 20030116 (WO 0305221)

Application: WO 2002US20671 20020628 (PCT/WO US0220671)

Priority Application: US 2001302892 20010702; US 200282807 20020222

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11330

#### English Abstract

An annotation based development platform for asynchronous web services (104) is described. In one embodiment, the developer expresses logic offered by the web service using a standard programming language augmented with declarative annotations specifying preferences for exploring that logic as an asynchronous web service (104). At compile time, an enhanced compiler (506) analyzes the annotated source file (502) and automatically generates the mechanisms (508, 509, 510) required to expose its functionality as an asynchronous web service (104).

#### French Abstract

L'invention concerne une plate-forme de developpement fondee sur des annotations pour des services Web asynchrones (104). Dans un mode de realisation, le developpeur exprime une logique offerte par le service Web, en faisant appel a un langage de programmation standard, enrichi d'annotations declaratives, specifiant des preferences pour explorer cette logique en tant que service Web asynchrone (104). Au moment de la compilation, un compilateur ameliore (506) analyse le fichier source annote (502) et genere automatiquement les mecanismes (508, 509, 510) requis pour exposer sa fonctionnalite en tant que service Web asynchrone (104).

Legal Status (Type, Date, Text)

Publication 20030116 A1 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... protocols; parsing and

I

generating message bodies and headers packaged using protocols such as the **Simple Object Access Protocol ( SOAP )**; controlling access to services in a secure way; mapping data between **XML** messages and internal data structures within the web service logic; ...for different protocols. In one embodiment, supported service bindings include (but are not limited to) **SOAP** over HTTP, **SOAP** over SMTP, generic HTTP Post of **XML**, transport of **XML** over other protocols such as FTP and mail, transport of **XML** over Java Messaging Service (JMS) or Microsoft Message Queuing Services (MSMQ), connection to proprietary protocols...the present



invention, web server 102 makes calls to enhanced web services 104 upon receiving SOAP encapsulated XML method invocations via networking fabric 100.

Figure 6 illustrates an example operational flow of compiler...bean (whether stateful or stateless), a SOAP handler removes the encapsulated XML message from the SOAP body, determines which method of the web service logic to invoke based on the root element of the XML message, maps XML child elements onto newly created programming language objects to be used as...

19/5,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00962467

**DYNAMIC DEPLOYMENT OF SERVICES IN A COMPUTING NETWORK**  
**DEPLOIEMENT DYNAMIQUE DE SERVICES DANS UN RESEAU INFORMATIQUE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200295605 A1 20021128 (WO 0295605)

Application: WO 2001US31268 20011005 (PCT/WO US0131268)

Priority Application: US 2001864663 20010523; US 2001864607 20010523; US 2001864608 20010523

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10598

English Abstract

A process is defined whereby conditions such as usage metrics for incoming client requests (or other network conditions such as load balancing considerations) are monitored, and used to trigger dynamic deployment, redeployment, and/or undeployment of web services to locations in the network in order to improve efficiency. The undeployment may apply to distributed locations of a service and may also apply to an origin server from which the service was originally deployed. Service

requests are dynamically routed to the destination where the service resides, in a manner which is transparent to the client. In an optional aspect, programmatic replication of system upgrades may be implemented by redeploying services using this same dynamic deployment approach, enabling the complexity of upgrading previously-deployed software to be reduced significantly. As another optional aspect, previously-deployed software may also be automatically and programmatically undeployed using disclosed techniques.

#### French Abstract

L'invention porte sur un procede selon lequel l'utilisation de mesures sur les demandes clients entrantes (ou autres conditions du reseau telles que les considerations d'equilibre de charge) est controlee. Ces mesures sont utilises pour declencher le deploiement, le redeploiement et/ou le non deploiement dynamique des services web a des points du reseau afin d'ameliorer le rendement. Le non deploiement peut s'appliquer a des points distribues d'un service, ainsi qu'a un serveur d'origine d'ou a ete deploye le service. Les demandes de services sont acheminees de maniere dynamique vers la destination ou reside le service, d'une maniere qui est transparente au client. Selon une realisation eventuelle, la replication par programme de mises a jour du systeme peut etre mise en oeuvre par redeploiement des services par cette meme approche dynamique de deploiement, ce qui permet de reduire considerablement la complexite du logiciel de mise a jour anterieurement deploye. Dans une autre realisation eventuelle, le logiciel anterieurement deploye peut ne pas etre deploye automatiquement et de maniere programmatique au moyen des techniques precitees.

Legal Status (Type, Date, Text)

Publication 20021128 A1 With international search report.

Examination 20021227 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

#### Detailed Description

... in-time" application

integration via open web-based standards, such as HTTP ("Hypertext Transfer Protocol"), SOAP ("Simple Object Access Protocol") and/or XML ("Extensible Markup Language") Protocol, WSDL ("Web Services Description Language"), and UDDI ("Universal Description, Discovery, and Integration"), HTTP is...

...exchange messages over TCP/IP

("Transmission Control Protocol/Internet Protocol") networks such as the Internet. SOAP is an XML-based protocol used to invoke methods in a distributed environment. XML Protocol is an evolving specification of the World Wide Web Consortium ('W3C') for an application-layer transfer protocol that will enable application-to-application messaging. XML Protocol may converge with SOAP. WSDL is an XML format for describing distributed network services. UDDI is an XML-based registry technique with which businesses may list their services and with which service requesters service using service information which is conveyed in a platform-neutral WSDL format using SOAP / XML Protocol and HTTP messages. (Hereinafter, references to SOAP should be construed as referring equivalently to semantically

similar aspects of **XML** Protocol,) Using these components, web services will provide requesters with transparent access to program components...

...information

on SOAP, refer to <http://www.w3.org/TR/2000/NOTE-SOAP-20000508>, titled ' **Simple Object Access Protocol ( SOAP )** 1.1, W3C Note 08 May 2000", See <http://www.w3.org/2000/xp> for more information on **XML** Protocol, More information on WSDL may be found at <http://www.w3.org/TR/2001...> flows may be used instead of HTTP flows in some embodiments, and as stated earlier, **XML** Protocol may be used instead of **SOAP** .

Fig. 4 uses encircled numerals to indicate each of the stages in the 12-stage...Because preferred embodiments of this deployment system leverage the web services stack of UDDI, ' WSDLI **SOAP** / **XML** Protocol, and HTTP, as has been described, they may be seamlessly integrated on a myriad...

19/5,K/6 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00953644

**ADAPTIVE MULTI-PROTOCOL COMMUNICATIONS SYSTEM**  
**SYSTEME DE COMMUNICATION MULTIPROTOCOLE ADAPTATIF**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200287136 A2-A3 20021031 (WO 0287136)

Application: WO 2002US13182 20020425 (PCT/WO US0213182)

Priority Application: US 2001286595 20010425; US 2001298355 20010614; US 2001308280 20010726; US 2001308275 20010726; US 2002128941 20020424

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

International Patent Class: H04J-003/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 44042

English Abstract

An adaptive multi-protocol communications system provides a plurality of single computer interface cards connected to a common backplane or

interconnect. Each interface card sends and receives bit streams of a specific application protocol, exchanging data between possibly differing application protocols. The interface card feeds the incoming binary stream into a finite state machine dedicated to converting a specific application protocol bit stream into a multi-dimensional matrix representation for a particular communication protocol, e.g., EDI, XML, or the invention's intermediate translation representation. The invention uses finite state machines to convert from the initial communication protocol bit stream to the invention's intermediate representation. A finite state machine on a receiving interface card is used to convert the incoming bit stream into an intermediate language multi-dimensional matrix and passes the matrix to a destination interface card which has a finite state machine used to convert the intermediate language multi-dimensional matrix to an application protocol bit stream. The application protocol bit stream is then sent to a receiving computer system.

#### French Abstract

La presente invention concerne un systeme de communication multiprotocole adaptatif. Ledit systeme comprend une pluralite de cartes reseau uniques connectees a un fond de panier ou une interconnexion communs. Chaque carte reseau envoie et recoit des trains de bits d'un protocole d'application specifique, echangeant des donnees entre des protocoles d'application qui peuvent etre differents. La carte reseau fournit le train binaire entrant dans une machine a etats finis specialisee dans la conversion d'un train de bits de protocole d'application specifique en une representation matricielle multidimensionnelle pour un protocole de communications particulier, par exemple, EDI, XML, ou pour la representation de translation intermediaire selon l'invention. L'invention fait appel a des machines a etats finis pour convertir le train de bits de protocole de communication initial en representation intermediaire selon l'invention. Une machine a etats finis situee sur une carte reseau receptrice est utilisee pour convertir le train de bits entrant en une matrice multidimensionnelle de langage intermediaire et fait passer la matrice vers une carte reseau destinataire qui possede une machine a etats finis utilisee pour convertir la matrice multidimensionnelle de langage intermediaire en un train de bits de protocole d'application. Le train de bits de protocole d'application est ensuite envoye a un systeme informatique recepteur.

#### Legal Status (Type, Date, Text)

Publication 20021031 A2 Without international search report and to be republished upon receipt of that report.  
 Search Rpt 20030213 Late publication of international search report  
 Republication 20030213 A3 With international search report.  
 Search Rpt 20030213 Late publication of international search report  
 Correction 20030410 Corrected version of Pamphlet: pages 1/62-62/62, drawings, replaced by new pages 1/42-42/42; due to late transmittal by the receiving Office  
 Republication 20030410 A3 With international search report.  
 Main International Patent Class: **G06F-015/16**  
 Fulltext Availability:  
 Detailed Description

#### Detailed Description

... where the destination abstraction is XIVIL data sent via RMI. As in the previous example, **XML** is the data format and RMI is the protocol (with object-oriented **RPC** being the middleware abstraction) . The DBT in this case would consist of the following two...

19/5,K/7 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00952540 \*\*Image available\*\*

**SERVICE PROVISION SYSTEM AND METHOD**

**SYSTEME ET PROCEDE DE PRESTATION DE SERVICE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200286679 A2-A3 20021031 (WO 0286679)

Application: WO 2002US13380 20020425 (PCT/WO US0213380)

Priority Application: US 2001286478 20010425

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

International Patent Class: H04M-003/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6701

**English Abstract**

A service provision method is disclosed. The method comprises creating a plurality of service descriptions to a desired level of exposure, the plurality of service descriptions each having a plurality of parameters. The method also comprises mapping at least a subset of the plurality of parameters from at least one of the plurality of service descriptions to create an Application Integration Metaservice (AIM) linking a set of preconditions necessary to satisfy a request for an effect of one of the plurality of service descriptions and the effect. The AIM is operable to be used to determine a metaservice to be executed utilizing the effect of the at least one of the plurality of service descriptions.

**French Abstract**

L'invention porte sur un procede de prestation de service. Ce procede consiste a creer une pluralite de descriptions de service a un niveau d'exposition desire, chaque description de service comportant plusieurs parametres. Ce procede consiste egalement a faire la mappage d'au moins un sous-ensemble de la pluralite des parametres a partir d'au moins une des multiples descriptions de service afin de creer un metaservice d'integration d'application (AIM) en reliant un ensemble de preconditions necessaires pour satisfaire une demande d'un effet d'une des multiples descriptions de service et l'effet lui-meme. L'AIM sert a determiner un

metaservice a executer au moyen de l'effet d'au moins une des multiples descriptions de service.

Legal Status (Type, Date, Text)

Publication 20021031 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030306 Late publication of international search report

Republication 20030306 A3 With international search report.

Examination 20030403 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... Language

WSDL Web Services Description Language

Salutation Salutation Resource Manager

RDF Resource Description Framework

XP XML Protocol

SOAP Simple Object Access Protocol

XML - RPC XML Remote Procedure Call

WebBroker Distributed Object Communication on the Web

WDDX Web Distributed Data eXchange

XMI Metadata Interchange...

19/5,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00948157 \*\*Image available\*\*

ADAPTIVE COMMUNICATION APPLICATION PROGRAMMING INTERFACE

INTERFACE DE PROGRAMME D'APPLICATION DE COMMUNICATION ADAPTATIVE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200282300 A1 20021017 (WO 0282300)

Application: WO 2002US10191 20020329 (PCT/WO US0210191)

Priority Application: US 2001823828 20010331

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/163

Publication Language: English

Filing Language: English

Fulltext Availability:

## Detailed Description

### Claims

Fulltext Word Count: 18109

### English Abstract

A method and apparatus for inter-module communication is disclosed. The method includes defining a command definition (100), wherein the command definition (100) comprises commands for interfacing with a multi-channel, multi-media, communication queuing system (130). The command definition (100) can include, for example, driver object commands to request media type lists and command event lists, create drivers, request service, and release drivers (120). The command definition (100) can also include, for example, service object commands to release service objects (104), notify when handling of an event is complete, invoke commands, release work items, suspend work items, resume work items, handle queued events, and cancel queued events. The command definition (100) can also include, for example, client object commands to start a work item, release work items, save work item contexts, restore work item contexts, serialize work items, free work item storage, begin batch processing, and end batch processing.

### French Abstract

L'invention concerne un procede et un appareil permettant d'etablir des communications entre modules. Ledit procede consiste a definir une definition de commande (100), ladite definition (100) comprenant des commandes qui permettent d'etablir une interface avec un systeme de mise en file d'attente (130) de communications multicanal, multimedia. La definition de commande (100) peut comprendre, par exemple, des commandes d'objet pilote permettant de demander des liste de type de media et des listes d'evenements de commande, de creer des pilotes, de demander des services, et de liberer des pilotes (120). Elle (100) peut egalement comprendre des commandes d'objet de service permettant de liberer des objets (104), de notifier la fin d'une manipulation d'objet, d'appeler des commandes, de liberer des articles de travail, de suspendre des articles de travail, de reprendre des articles de travail, de manipuler des evenements mis en file d'attente, et d'annuler des evenements mis en file d'attente. Elle (100) peut enfin comprendre, par exemple, des commande d'objet client permettant de lancer un article de travail, de liberer des articles de travail, de sauvegarder des contextes d'articles de travail et de les restaurer, de serialiser des articles de travail, de liberer un stockage d'articles de travail, de commencer un traitement par lot et de le terminer.

Legal Status (Type, Date, Text)

Publication 20021017 A1 With international search report.

Publication 20021017 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030508 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-015/163

Fulltext Availability:

Detailed Description

### Detailed Description

... example, the interface can translate information in one format, such as simplified object access protocol ( SOAP ) used by UQ business service 106 to an extensible markup language ( XML ) format used in UQ system 102. UQ API 314 can also translate information between...

19/5,K/9 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00944727 \*\*Image available\*\*

**TURNKEY SYSTEM PROVIDING CENTRALIZED DATA AGGREGATION**

**PROCEDE ET DISPOSITIF POUR L'ETABLISSEMENT SOUS CONTROLE D'UN SYSTEME CLES  
EN MAIN CENTRALISE D'AGREGATION ET DE RECAPITULATION DE DONNEES POUR  
DES TIERS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277844 A2-A3 20021003 (WO 0277844)

Application: WO 2002US8860 20020322 (PCT/WO US0208860)

Priority Application: US 2001278502 20010323

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10666

**English Abstract**

A distributable software system (401) is disclosed for collecting and aggregating data from a network and for providing compartmentalized and optimized data summaries to third parties. The system includes a data gathering layer for gathering the data (402); a data normalization layer for normalizing data types from multiple data sources (403); a data cleansing layer for correcting data inconsistencies (404); a data enrichment layer for rendering data analyzable (405); and an application interface layer for providing multiple interfaces to multiple user applications (406). An enterprise utilizes the system to provide data aggregation and summary services to clients. In preferred embodiments, intelligence created from the activity is harnessed to provide and improve services and to enhance profitability of the enterprise.

**French Abstract**

L'invention concerne un systeme logiciel susceptible d'etre reparti, pour la collecte et l'agregation de donnees depuis un reseau et pour l'etablissement de recapitulatifs de donnees compartimentees et optimises,



au benefice de tiers. Le systeme comprend une couche de collecte de donnees; une couche de normalisation des types de donnees a partir de differentes sources de donnees; une couche de correction d'incoherences de donnees; une couche d'enrichissement de donnees rendant les donnees analysables; et une couche d'interface d'application assurant differentes interfaces a differentes applications analogues. Une entreprise peut utiliser le systeme pour assurer l'agregation et la recapitulation de donnees a des clients. En mode de realisation prefere, on utilise l'intelligence creee par cette activite pour fournir et ameliorer des services et pour accroitre la rentabilite en entreprise.

Legal Status (Type, Date, Text)

Publication 20021003 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20021114 Late publication of international search report

Republication 20021114 A3 With international search report.

Republication 20021114 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030206 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

Detailed Description

... secure customer access. Other familiar Web protocols that may be enabled within server 304 include **SOAP** , **XML** , **WML** , and others. Clients of the partner entity access the entity service through Web server 304...

**19/5,K/10 (Item 10 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00943681 \*\*Image available\*\*

**ACCESS SYSTEM INTERFACE**

**INTERFACE DE SYSTEME D'ACCES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277819 A1 20021003 (WO 0277819)

Application: WO 2002US8552 20020320 (PCT/WO US0208552)

Priority Application: US 2001814091 20010321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-011/30  
International Patent Class: G06F-012/14; **G06F-015/16** ; G06F-015/173;  
H04L-009/00; H04L-009/32; H04K-001/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Fulltext Word Count: 35612

#### English Abstract

An access system provides identity management and/or access management services for a network. An application program interface (3036) for the access system enables an application (3042) without a web agent front end to read and use contents of an existing encrypted cookie to bypass authentication and proceed to authorization. A web agent is a component (usually software, but can be hardware or a combination of hardware and software) that plugs into (or otherwise integrates with) a web server (or equivalent) in order to participate in providing access services.

#### French Abstract

L'invention concerne un systeme d'accès fournissant des services de gestion d'identité et/ou de gestion d'accès à un réseau. Une interface de programme d'application (3036) prévue pour le système d'accès permet à une application (3042) sans agent Web, de lire et d'utiliser les contenus d'un mouchard électronique crypté existant, pour contourner une authentification et obtenir une autorisation. Un agent Web est un composant (de manière générale un logiciel, mais peut être un matériel ou une combinaison de matériel et de logiciel) qui se connecte à (ou autrement dit s'insère dans) un serveur Web (ou équivalent) afin de prendre part au fait de fournir l'accès à des réseaux.

#### Legal Status (Type, Date, Text)

Publication 20021003 A1 With international search report.  
Publication 20021003 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20030206 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: **G06F-015/16**

Fulltext Availability:  
Detailed Description

#### Detailed Description

... utilize redundant servers.

In another embodiment, the system of Figure 1 can accept input in **XML** to format and provide output in **XML** format. Additionally, the system will make use of **XML remote procedure calls** (RPC).

In an alternative implementation, the system could attempt to validate data on input. If...

19/5,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00939307 \*\*Image available\*\*  
**SERVICE-TO-SERVICE COMMUNICATION FOR NETWORK SERVICES**  
**COMMUNICATION DE SERVICE A SERVICE POUR DES SERVICES DE RESEAU**  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200273442 A1 20020919 (WO 0273442)

Application: WO 2002US8063 20020314 (PCT/WO US0208063)

Priority Application: US 2001275809 20010314; US 200117680 20011022; US  
200133177 20011022

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 27774

English Abstract

A robust and efficient service-to-service communications protocol that handles change information in an identity-centric data access architecture. The protocol enables the automatic publication and subscription by services of changes made to data of millions of users. The protocol is role-based in that a user controls the users that can subscribe for the user's data changes and is efficient in that data is change data for users are combined and batched, and robust to handle failure scenarios. In one implementation, the a "publisher (600)" refers to the .NET MyServices service which is the source of the data, while a "subscriber (610)" refers to the .NET MyServices service that receives the data. The publisher and subscriber maintain updated information about each other's users in order to accomplish selective data communication and filtering. To provide robustness, requests are acknowledged, and until acknowledged, retried regularly for awhile, with delays between regular retries.

French Abstract

La presente invention concerne un protocole de communication de service a service robuste et efficace, qui gere des informations de modification dans une architecture d'accès a des données centrées sur l'identité. Ce protocole permet une publication et une inscription automatiques, au moyen de services de modifications effectuées sur des données de millions d'utilisateurs. Le protocole est basé sur les rôles en ce qu'un utilisateur commande les utilisateurs qui peuvent s'inscrire aux modifications de données d'utilisateur et est efficace en ce que des données qui sont des données de modification pour des utilisateurs sont combinées et regroupées. Ce protocole est assez robuste pour gérer des scénarios de panne. Dans un mode de réalisation de la présente invention, l'éditeur (600) se rapporte au service <= .NET MyServices >= qui est la source des données, alors qu'un abonné (610) se rapporte au <= .NET MyServices >= qui reçoit les données. L'éditeur et l'abonné conservent

des informations mises a jour concernant les utilisateurs de chacun, afin de realiser une communication et une filtration de donnees selective. Des requetes sont admises afin de fournir une certaine robustesse. Ces requetes sont relancees regulierement pendant un moment, avec des delais entre les relances regulieres, jusqu'a etre admises.

Legal Status (Type, Date, Text)

Publication 20020919 A1 With international search report.

Examination 20030123 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... model 3 00 is based upon open Internet standards. Services are accessed by means of SOAP ( Simple Object Access Protocol ) messages containing an XML payload. Service input and output is expressed as XML document outlines, and each of these document outlines conform to an XML schema document. The...

19/5,K/12 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00939216 \*\*Image available\*\*

IDENTITY-CENTRIC DATA ACCESS

ACCES AUX DONNEES CENTRE SUR L'IDENTITE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200273339 A2-A3 20020919 (WO 0273339)

Application: WO 2002US6329 20020301 (PCT/WO US0206329)

Priority Application: US 2001275809 20010314; US 20013750 20011022

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10701

English Abstract

A model for accessing data in an identity-centric manner. An identity (310) maybe a user, a group of users, or an organization. Instead of data being maintained on an application-by-application basis, the data associated with a particular identity is stored by one or more data services (511 through 518) accessible by many applications (320). The data is stored in accordance with a schema that is recognized by a number of different applications and the data service (511 through 518). When a user is to perform an operation on the identity's (310) data, the corresponding application (320) generates a message (531) that has a structure that is recognized by the data service (511 through 518). The message (531) represents a request to perform an operation on the data structure corresponding to the identity (310). The data service (511 through 518) receives and interprets the message. If authorized, the data service (511 through 518) then performs the operation.

French Abstract

L'invention concerne un modele d'accès aux données de manière centrée sur l'identité. Cette identité (310) peut être un utilisateur, un groupe d'utilisateurs, ou une organisation. Au lieu que les données soient maintenues sur une base application par application, les données associées à une identité particulière sont stockées par un ou plusieurs services de données (511-518) accessibles par plusieurs applications (320). Ces données sont stockées selon un schéma reconnaissable par un certain nombre d'applications différentes ainsi que par le service de données (511-518). Lorsque l'utilisateur s'apprete à exécuter une opération sur les données d'identité (310), l'application correspondante (320) émet alors un message (531) dont la structure est reconnaissable par le service de données (511-518). Ce message (531) représente une demande d'exécution d'une opération sur la structure de données correspondant à l'identité (310) en question. Le service de données (511-518) reçoit et interprète le message. S'il y est autorisé, le service de données (511-518) exécute alors l'opération.

Legal Status (Type, Date, Text)

Publication 20020919 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030424 Late publication of international search report

Republication 20030424 A3 With international search report.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

Detailed Description

... herein by reference in its entirety.

[00611 In one embodiment, the network message is an **XML** document that is specifically structured in accordance with **Simple Object Access Protocol** or "**SOAP**".

**SOAP** specifies a structure or "**SOAP** envelope" of an **XML** document including a body portion as well as a header portion, but also allows for

...

19/5,K/13 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00937134 \*\*Image available\*\*

**METHOD AND SYSTEM FOR REAL-TIME QUERYING, RETRIEVAL AND INTEGRATION OF DATA  
FROM DATABASES OVER A COMPUTER NETWORK**  
**PROCEDE ET SYSTEME DE DEMANDE, D'EXTRACTION ET D'INTEGRATION EN TEMPS REEL  
DE DONNEES TIREES D'UNE BASE DE DONNEES AU SEIN D'UN RESEAU  
D'ORDINATEURS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200271244 A1 20020912 (WO 0271244)

Application: WO 2002US6557 20020306 (PCT/WO US0206557)

Priority Application: US 2001273816 20010306; US 200256423 20020123

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6354

English Abstract

A system for retrieving and integrating data from multiple databases over a computer network (20a) is provided. According to one aspect of the system, the system includes an aggregation server (12) and a number of agents (14). The aggregation server is capable of communicating with the agents via a computer network such as the Internet. Each agent is designed to communicate locally with a number of data sources (16). A user is able to retrieve data from the data sources by contacting the aggregation server which, in turn, causes the appropriate agents to retrieve the requested data from the relevant data sources.

French Abstract

Cette invention concerne un systeme permettant d'extraire et d'integrer des donnees tirees de bases de donnees multiples via un reseau d'ordinateurs (20a). Selon un aspect de l'invention, le systeme comprend un serveur d'agregation (12) et un certain nombre d'agents (14). Le serveur d'agregation peut communiquer avec ces agents via un reseau d'ordinateurs tel qu'Internet. Chaque agent a pour fonction de

communiquer localement avec un certain nombre de sources de donnees (16). Pour extraire des donnees des sources de donnees, un utilisateur peut entrer en contact avec le serveur d'agregation, lequel sollicite a son tour les agents pour qu'ils extraient les donnees demandees des sources de donnees appropriees.

Legal Status (Type, Date, Text)

Publication 20020912 A1 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... forwards it to the aggregation server 12. The integrated data can be fon-natted in XML or SOAP and then forwarded to the aggregation server 12 via the computer network 20b using a...

19/5,K/14 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00929742 \*\*Image available\*\*

METHOD AND SYSTEM FOR ROUTING NETWORK TRAFFIC BASED UPON APPLICATION INFORMATION

PROCEDE ET SYSTEME POUR ACHEMINER UN TRAFIC DE RESEAU EN FONCTION D'INFORMATIONS D'APPLICATION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200263816 A2-A3 20020815 (WO 0263816)

Application: WO 2002US3802 20020206 (PCT/WO US0203802)

Priority Application: US 2001266966 20010206; US 2001303639 20010705; US  
2001310087 20010802

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8000

English Abstract

The present system (100) provides techniques for routing network traffic based upon application information with the use of a content switch (104). Specific embodiments provide users (110) with the capability to

understand relationships among other clients (196, 198) and to manipulate traffic in an enterprise network resources with the use of a content traffic governor (102) and the content switch (104). Content-based routing methods can direct network traffic based on the URL, which contains an HTTP cookie (112). Based upon the information within the cookie (112), the user (110) is directed a remote application (120) through a premium web server (114) or other web servers (116).

#### French Abstract

L'invention concerne des techniques pour l'acheminement de trafic de reseau en fonction d'informations d'application. Dans des modes de realisation specifiques, les utilisateurs, tels que des hommes d'affaires ou d'autres professionnels, disposent de la capacite de comprendre les relations entre les clients, par exemple, et de manipuler le trafic dans des ressources de reseau d'entreprise en fonction de ces relations. Diverses applications de reseau, telles que HTTP, SNMP et similaire, sont prises en charge par des modes de realisation specifiques. Des methodes d'acheminement basees sur le contenu peuvent permettre de diriger le trafic de reseau en fonction du localisateur URL, qui peut contenir un biscuit HTTP dans certains modes de realisation. Ainsi, des nouvelles manieres de definir le biscuit par l'inclusion de donnees d'application obtenues par l'analyse des donnees clients peuvent etre utilisees avec des modes de realisation specifiques. Des modeles multidimensionnels, des calculs statistiques, des systemes a base de regles, des generateurs de rapport et similaire, peuvent etre utilises avec divers modes de realisation specifiques afin de permettre au decisionnaire de comprendre, analyser et presenter les relations entre diverses entites d'information.

#### Legal Status (Type, Date, Text)

Publication 20020815 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20021227 Late publication of international search report  
Republication 20021227 A3 With international search report.  
Republication 20021227 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

#### Detailed Description

... based interface provides the content traffic governor (CTG) Content switch interface 754. In another embodiment, **XML** or **SOAP** content switch interface may be used to pass the information through the content switch Web...

**19/5,K/15 (Item 15 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00925076 \*\*Image available\*\*

**SYSTEM AND METHOD PROVIDING DISTRIBUTED WELDING ARCHITECTURE**

**SYSTEME ET PROCEDE DE CREATION D'UNE ARCHITECTURE DE SOUDURE REPARTIE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200258878 A1 20020801 (WO 0258878)

Application: WO 2002US1888 20020122 (PCT/WO US0201888)

Priority Application: US 2001770064 20010125

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: B23K-009/10

International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13834

#### English Abstract

A system and method provides a distributed welding architecture in accordance with the present invention. The system includes a welder (124, 126, 128) operatively coupled to a server and a network interface to enable a network architecture, the network architecture serving a network that communicates with at least one remote system (30, 140, 310, 806). The remote system (30, 140, 310, 806) includes at least one remote interface (70) to communicate with the network architecture, wherein the remote system (30, 140, 310, 806) accesses at least one HTTP socket to establish web communications with the welder (124, 126, 128) and loads at least one application from the welder (124, 126, 128). The remote system (30, 140, 310, 806) accesses at least one Welding Application socket via the at least one application to exchange information between the welder (124, 126, 128) and the remote system (30, 140, 310, 806), wherein the at least one application includes at least one of a weld configuration component (74), a weld monitoring component (78), and a weld control component (82) to interact with the distributed welding system.

#### French Abstract

La presente invention concerne un systeme et un procede de creation d'une architecture de soudure distribuee. Le systeme comprend une soudeuse (124, 126, 128) couplee, de maniere a fonctionner, a un serveur et a une interface reseau pour creer une architecture de reseau, l'architecture de reseau desservant un reseau qui communique avec au moins un systeme hors site (30, 140, 310, 806). Le systeme hors site (30, 140, 310, 806) comprend au moins une interface hors site (70) qui communique avec l'architecture de reseau, ledit systeme hors site (30, 140, 310, 806) accedant a au moins un mecanisme d'echange HTTP pour etablir des communications Web avec la soudeuse (124, 126, 128) et qui charge au moins une application provenant de la soudeuse (124, 126, 128). Le systeme hors site (30, 140, 310, 806) accede a au moins mecanisme d'echange d'application de soudure via la ou les applications pour echanger des informations entre la soudeuse (124, 126, 128) et le systeme hors site (30, 140, 310, 806), la ou les applications comprenant au moins constituant parmi les constituants suivants : un constituant de configuration de soudure (74), un constituant de surveillance de soudure

(78) et un constituant de commande de soudure (82) destine a interagir avec le systeme de soudure distribuee.

Legal Status (Type, Date, Text)

Publication 20020801 A1 With international search report.

Publication 20020801 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20021212 Request for preliminary examination prior to end of 19th month from priority date

International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... web server 308. Web content may include but is not limited to such technologies as HTML , SHTML, VB Script, JAVA, CGI Script, JAVA Script, dynamic HTML , PPP, RPC , TELNET, TCPAP, FTP, ASP, XML , PDF, WML as well as other fonnats. The 1 5 browser 312, which can reside in the...

19/5,K/16 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00921108 \*\*Image available\*\*

**SYSTEMS AND METHODS FOR TRANSMITTING MOTION CONTROL DATA**

**SYSTEMES ET PROCEDES DE TRANSMISSION DE DONNEES DE COMMANDE DE MOUVEMENT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200254184 A2-A3 20020711 (WO 0254184)

Application: WO 2002US150 20020104 (PCT/WO US0200150)

Priority Application: US 2001260061 20010104

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10664

English Abstract

A system for transferring a service request between a client application and a motion control system using a communications network. The system comprises a client build module and a service request format module. The client build module builds a service request envelope for containing the service request. The service request is associated with a service performed by the motion control system. In addition, the service request envelope may be transmitted across the communications network. The service request format module extracts the service request from the service request envelope and transmits the service request to the motion control system (Figure 1A, 20, 22, 24, 26).

#### French Abstract

L'invention porte sur un systeme de transfert d'une demande de service entre une application client et un systeme de commande de mouvement utilisant un reseau de communications. Le systeme comprend un module de constitution client et un module de format de demande de service. Le module de constitution client constitue une enveloppe destinee a contenir la demande de service. La demande de service est associee a un service effectue par le systeme de commande de mouvement. De plus, l'enveloppe de demande de service peut etre transmise dans le reseau de communications. Le module de format de demande de service extrait la demande de service de l'enveloppe et la transmet au systeme de commande de mouvement.

#### Legal Status (Type, Date, Text)

Publication 20020711 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20021010 Late publication of international search report pages 1/12-12/12, drawings, replaced by new pages 1/15-15/15; due to late transmittal by the receiving Office  
Republication 20021010 A3 With international search report.  
Examination 20021212 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

#### Detailed Description

... server system (XMC Internet

Connect system) 20 comprises both the service request format module (XMC SOAP Engine) 30 and data format module (XMC XML Engine) 32.

In addition, the exemplary server system 20 comprises two optional modules: a data...yet communicate with other systems as needed in a manner that connects

all applications seamlessly. SOAP itself is based on two other industry

standard technologies: HTML and XML. HTML defines an industry standard communication protocol for transferring data and instructions between applications connected to a network, while XML defines the

8

structure of the data packets sent between such applications. SOAP, HTML, and XML are well-known and will not be described herein in further detail.

The XMC XML Engine module 32 is used to translate network (XML) data sets into native (motion control...optionally but preferably uses the ROPE module 56 to parse the request.

With the foregoing understanding of how the client application 28 interacts...by the request is accessed from either the XMC Motion Server 50 or the XMC **XML** Engine 32, and the appropriate method is called based on the **SOAP** request.

Once the method completes, the result and any data returned is packed into a...

...that the virtual directory must be placed on an NTFS file system and the services. **xml** and services.sod files must be granted both Read and Execute access.

To setup the XMC **Soap** Engine ISAPI Extension, the 'Configuration...' button is selected from the 'Properties' page for the virtualdirectory...

19/5,K/17 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00918700 \*\*Image available\*\*

**PROXY SYSTEM**

**SYSTEME DE PROCURATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200252767 A2-A3 20020704 (WO 0252767)

Application: WO 2001US50010 20011221 (PCT/WO US0150010)

Priority Application: US 2000258087 20001222; US 2001285524 20010420; US  
2001998916 20011130

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 41366

**English Abstract**

The present invention is directed to technology for using a proxy (154) in an Identity System (36, 38, 40). When a first entity is on vacation, on a business trip or otherwise unavailable to perform certain actions on an Identity System (36, 38, 40), a second entity can act as a proxy for

the first entity. The Identity System (36, 38, 40), will provide the second entity, acting as a proxy, with the privileges, access and rights of the first entity. In one embodiment, Identity System (36, 38, 40) is part of an integrated Identity and Access System, and the second entity is a proxy in the Identity System (36, 38, 40) but not in the Access System (28, 34, 36).

#### French Abstract

La presente invention concerne un procede permettant de recourir a une procuration dans un systeme d'identification. Lorsqu'une premiere entite est en vacances, en voyage d'affaires ou n'est pas en mesure pour une quelconque autre raison de s'acquitter de certaines operations dans le cadre d'un systeme d'identification, une seconde entite (mandataire) peut agir par procuration pour la premiere entite dont elle reprend les privileges, possibilites d'accès et droits. Selon un mode de realisation, le systeme d'identification fait partie d'un systeme integre d'identification et d'accès, la procuration dont beneficie la seconde entite etant valable pour le systeme d'identification, mais non pour le systeme d'accès.

#### Legal Status (Type, Date, Text)

Publication 20020704 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030213 Late publication of international search report

Republication 20030213 A3 With international search report.

Examination 20030327 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

#### Detailed Description

... program calls another program/function.

In one embodiment, the integrated Access and Identity System accepts **XML** document inputs that are encapsulated in a **SOAP** envelope using HTTP protocol requests. The **XML** document contains the necessary parameters and authentication information for carrying out the request. The request ...

...Identity System provides the desired application's response to the client program as an output **XML** document.

The **XML** input language is a language based on **SOAP** that allows customers to perform functions outside of the current GUL The structure of SOAP...the browser receives a status message that the WO 02/052767 PCT/USOI/50010 using **SOAP**. In step 1022, the **XML** input document is sent to the relevant application. In response to the **XML** input document, the application will perform the requested workflow or other service. In step 1024...1600). In one embodiment of the present invention, Identity Server 40 is capable of receiving **HTML** requests via the HTTP protocol, as well as **XML** requests via the **SOAP** protocol (or other protocols). One example of an **HTML** request over HTTP (or other protocols), appears as follows.

http://host:port/appname.cgi?param1...

...example described above, with a host:port value that informs Identity Server 40 that the SOAP protocol is in use. The request includes an XML document encapsulated in the SOAP protocol format. The following provides an example of such a request.

```
(D Oblix, Inc., 2001
<? xml version="1.0" ?>
< SOAP -ENV:Envelope
xmlns:oblix="http://www.oblix.com"
xmlns: SOAP -ENV="http://schemas-xmlsoap.org/ soap /envelope/">
<SOAP-ENV:Body>
<oblix:authentication xmlns:oblix="http://www.oblix.com" type="fzll in
...
```

19/5,K/18 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00916598 \*\*Image available\*\*

**SYSTEM AND METHOD FOR PROVIDING COMMUNICATION AMONG LEGACY SYSTEMS USING  
WEB OBJECTS FOR LEGACY FUNCTIONS**  
**SYSTEME ET PROCEDURE D'ETABLISSEMENT DE COMMUNICATION PARMI DES SYSTEMES  
ANCIENS, AU MOYEN D'OBJETS DU WEB DESTINES A DES FONCTIONS ANCIENNES**

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Boulevard, McLean, VA 22102, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200250693 A1 20020627 (WO 0250693)  
Application: WO 2001US48840 20011220 (PCT/WO US0148840)  
Priority Application: US 2000256971 20001221; US 2001968663 20011002

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/163

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12487

English Abstract

A System for and method of facilitating data communication between (i) first computer system (50) that runs a legacy and is operable as a service provider and (ii) a second computer system (60) that is operable as a requester. Multi-layered software adapters (10) are respectively interposed between an electronic network and each of the first and second computers thereby connecting the first and second computers to each other via the adapters. The first computer, which is operable as a service provider and runs the legacy application, publishes an interface model of its legacy application functions. The second computer, which operable as a requester, looks up, via an adapter, the published interface model when a request for data that is available from the legacy application is made by the second computer. The adapters then communicate with each other in a common format and a protocol to exchange information and data as is desired. In a preferred implementation, published interface models are searchable by requestor adapters. Also, at least some of the layers (10, 15, 20, 25) in the multi-layer adapter are plugable and selectable.

French Abstract

L'invention concerne un systeme et un procede servant a faciliter la communication entre (i) un premier systeme informatique (50) exploitant une application ancienne et pouvant fonctionner en tant que fournisseur de services, et (ii) un second systeme informatique (60) pouvant fonctionner en tant que demandeur de services. Des adaptateurs logiciels a plusieurs couches (10) sont respectivement interposes entre un reseau electronique et chacun de ces ordinateurs, le premier et le second etant ainsi connectes l'un avec l'autre par le biais d'adaptateurs. Le premier ordinateur, pouvant fonctionner en tant que fournisseur de services et exploitant une application existante, publie un modele d'interface de ses fonctions d'application existantes. Le second ordinateur, fonctionnant en tant que demandeur, consulte, par le biais d'un adaptateur, le modele d'interface publie lorsqu'il execute une demande de donnees disponibles a partir de l'application existante. Les adaptateurs communiquent alors l'un avec l'autre, dans un format et un protocole communs, de maniere a echanger des informations et donnees, en fonction des besoins. Dans un mode de realisation prefere, des modeles d'interface publies peuvent etre extraits par des adaptateurs de demandeur. De meme, quelques couches au moins de l'adaptateur multicouche (10, 15, 20, 25) peuvent etre connectees et choisies.

Legal Status (Type, Date, Text)

Publication 20020627 A1 With international search report.

Examination 20030116 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-015/16**

International Patent Class: **G06F-015/163**

Fulltext Availability:

Detailed Description

Detailed Description

... default, WOLF adapters provide a Java Application

Programming Interface (API) which makes use of a **Remote Procedure Call**

(RPQ paradigm which uses **XML** as a communications technology. This is accomplished through the use of stubs and skeletons (terms...

...to XML (for communication) and back again.

10035] In one embodiment the default syntax for **XML** used in communication between WOLF adapters is the **Simple Object Access Protocol** (**SOAP**), an industry standard.

10036] In a preferred embodiment of the present invention, service providers publish...and Service Providers, plug-in Fabricators enable support for language bindings other than Java.

10069] **SOAP** (**Simple Object Access Protocol**, a form of **XML**) is becoming a recognized current standard for Business-to-Business (B2B) communication.

One embodiment of...

19/5,K/19 (Item 19 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00912774 \*\*Image available\*\*

**SYSTEM AND METHOD FOR MANAGING APPLICATION INTEGRATION UTILIZING A NETWORK DEVICE**

**SYSTEME ET PROCEDE DE GESTION D'INTEGRATION D'APPLICATION AU MOYEN D'UN DISPOSITIF DE RESEAU**

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Legal Representative:

URIBE Mauricio A (agent), Christensen O'Connor Johnson Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101-2347, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200246926 A1 20020613 (WO 0246926)

Application: WO 2001US46785 20011204 (PCT/WO US0146785)

Priority Application: US 2000251253 20001204

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE, SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/54**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5649

English Abstract

A system (200) and method for providing application integration are



provided. A network device (202) having application integration functionality (204) is configured such that the network device (202) is accessible, configurable and maintainable through a network connection (208). The network device (202) is integrated into organizational networks by end users via web page interfaces and network capable client-side interfaces that allow system users and administrators to manage the system. Additionally, the network device (202) is accessible via a network (20) for providing updates, upgrades, and integration templates and proactively maintaining the network device. The network device (202) is then utilized to provide a variety of application integration functionality (204).

#### French Abstract

L'invention concerne un systeme (200) et un procede permettant de fournir une integration d'application. Un dispositif de reseau (202) possedant une fonctionnalite d'integration (204) d'application est configuree de maniere a ce que le dispositif de reseau (202) soit accessible, configurable et reparable via une connexion de reseau (208). Le dispositif de reseau (202) est integre en reseaux organisationnels par des utilisateurs finaux via des interfaces de pages Internet et des interfaces utilisateur capables de se connecter au reseau qui permettent aux utilisateurs et aux administrateurs du systeme de gerer le systeme. De plus, le dispositif de reseau (202) est accessible via un reseau (20) afin de fournir des mises a jour, des mises a niveau, des modeles d'integration et assurer l'entretien du dispositif de reseau. Le dispositif de reseau (202) sert ensuite a fournir differentes fonctionnalites d'integration d'application (204).

Legal Status (Type, Date, Text)

Publication 20020613 A1 With international search report.

Publication 20020613 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: **G06F-009/54**

Fulltext Availability:

Detailed Description

#### Detailed Description

... any one of a variety of data and communication protocols including, but not limited to, **XML**, EDI, SMTP, HTTP, **SOAP**, IIOP. The mass memory 304 can include a rules component 320 and state component 322...

**19/5,K/20 (Item 20 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00910723 \*\*Image available\*\*

**A METHOD AND SYSTEM FOR SOFTWARE AND HARDWARE MULTIPLICITY**

**PROCEDE ET SYSTEME D'EXECUTION D'UNE MULTIPLICITE D'OBJETS LOGICIELS DANS UNE MULTIPLICITE DE SYSTEMES MATERIELS**

Patent Applicant/Inventor:

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Legal Representative:

TURNER Richard C (et al) (agent), Sughrue Mion, PLLC, 2100 Pennsylvania Ave., NW, Suite 800, Washington, DC 20037-3213, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200244835 A2-A3 20020606 (WO 0244835)

Application: WO 2001US43154 20011126 (PCT/WO US0143154)

Priority Application: US 2000722321 20001128

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/54**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12998

#### English Abstract

Methods for creating a scalable, fault tolerant computing platform on a network, the platform comprising a plurality of nodes (1.2, 1.3, 1.4) are disclosed. The method comprises initiating melding during initialization, wherein during the melding the plurality of nodes (1.2, 1.3, 1.4) are treated as a collection and each node (1.2, 1.3, 1.4) from the plurality of nodes joins the collection, and during melding at least a first object router is assigned; migrating objects between the plurality of nodes; and replicating objects across the plurality of nodes (1.2, 1.3, 1.4). Systems similar to the disclosed methods are also disclosed. Computer program products implementing the methods are also disclosed.

#### French Abstract

L'invention concerne des procedes servant a creer une plate-forme informatique extensible, insensible aux defaillances sur un reseau, ladite plate-forme etant composee d'une pluralite de noeuds. Ce procede consiste a effectuer une fusion pendant l'initialisation, ladite pluralite de noeuds etant alors traitee en tant qu'ensemble et chaque noeud de ladite pluralite faisant partie dudit ensemble, et a affecter, pendant cette fusion au moins un premier routeur d'objet, a operer la migration des objets entre ladite pluralite de noeuds et a repliquer ces objets au travers de ladite pluralite de noeuds. Elle concerne egalement des systemes semblables a ces procedes. Elle concerne, de plus, des programmes informatiques mettant en application ces procedes.

#### Legal Status (Type, Date, Text)

Publication 20020606 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020829 Late publication of international search report

Republication 20020829 A3 With international search report.

Examination 20021114 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-009/54**

Fulltext Availability:

Detailed Description

#### Detailed Description

... another machine and executed 'remotely.' Common implementations of such remote object systems include: DCE, CORBA, **XML** ,, COM/DCOM, DOM,, SOAP ,, and RMI. These technologies enable machines on a network to execute code remotely located on...

19/5,K/21 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00871013 \*\*Image available\*\*

**PROVIDING DATA TO APPLICATIONS FROM AN ACCESS SYSTEM**

**FOURNITURE DE DONNEES A DES APPLICATIONS DEPUIS UN SYSTEME D'ACCES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200205103 A1 20020117 (WO 0205103)

Application: WO 2001US21677 20010709 (PCT/WO US0121677)

Priority Application: US 2000216955 20000710; US 2001792934 20010226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/00

International Patent Class: **G06F-015/16** ; G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30665

**English Abstract**

Access system is disclosed that can provide to a downstream application data. In one embodiment, the data is provided as header variables associated with an HTTP request by adding, responsive to the access system's detection of an authorization/authentication success/failure event, header variable to information associated with an HTTP request for access to the downstream application (1786, 1804); and providing the header variable to the software application from the information associated with the HTTP request (1830, 1832, 1834, 1836, 1838, 1840, 1842, 1844, 1846). In another embodiment, the data can be transmitted by using other protocols and other means. In one embodiment, the data provided to the downstream applications include information about the user accessing the application. In another embodiment, the data provided to the downstream applications include information from an identity profile stored in an LDAP directory structure.

**French Abstract**

Cette invention se rapporte a un systeme d'accès qui peut fournir des donnees a une application en aval. Dans un mode de realisation, on fournit les donnees sous la forme de variables d'en-tete associees a une demande HTTP, en ajoutant, a la suite de la detection par le systeme d'accès d'un evenement d'aboutissement/echec

d'autorisation/d'authentification, la variable d'en-tete aux informations associees a une demande HTTP pour l'accès a l'application en aval (1786, 1804), et en fournissant la variable d'en-tete a l'application logicielle depuis les informations associees a la demande HTTP (1830, 1832, 1834, 1836, 1838, 1840, 1842, 1844, 1846). Dans d'autres modes de realisation, on peut transmettre les donnees en utilisant d'autres protocoles et d'autres moyens. Dans un mode de realisation, les donnees fournies a l'application en aval contiennent des informations sur l'utilisateur accedant a l'application. Dans un autre mode de realisation, les donnees fournies a l'application en aval contiennent des informations provenant d'un profil d'identite stockees dans une structure de repertoire LDAP.

Legal Status (Type, Date, Text)

Publication 20020117 A1 With international search report.

Publication 20020117 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20021017 Request for preliminary examination prior to end of 19th month from priority date

International Patent Class: G06F-015/16 ...

Fulltext Availability:

Detailed Description

Detailed Description

... utilize redundant servers.

In another embodiment, the system of Figure 1 can accept input in XML format and provide output in XML format. Additionally, the system will make use of XML remote procedure calls (RPC).

In an alternative implementation, the system could attempt to validate data on input. If a...

19/5,K/22 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00824194 \*\*Image available\*\*

**ELECTRONIC TRANSACTION RECEIPT SYSTEM AND METHOD**

**SYSTEME ET PROCEDE DESTINES A L'ENVOI D'UN RECU CORRESPONDANT A UNE TRANSACTION ELECTRONIQUE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200157736 A1 20010809 (WO 0157736)

Application: WO 2001US3573 20010202 (PCT/WO US0103573)

Priority Application: US 2000180102 20000203

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60; G06F-013/00; **G06F-015/16**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11002

#### English Abstract

In connection with a sales transaction, an electronic receipt (12) is issued to the buyer (14) that includes hyperlinks (16). A hyperlink can be associated with an inducement to make a secondary purchase of an item commercially related to the primary purchase, such as accessories, items used in the same field, manuals and other items. A hyperlink can also be associated with a product return procedure, with a manufacturer's warranty procedure, receiving rebate notices and recall notices, product registration procedures and other functions. The receipt can be maintained in a centralized database and the information used in various ways by buyers, sellers and other authorized entities.

#### French Abstract

Selon l'invention, un reçu électronique (12) correspondant à une transaction commerciale et comprenant des hyperliens (16) est envoyé à un acheteur (14). Un hyperlien peut être associé à une incitation à effectuer un second achat d'un article commercialement relié au premier achat, tel qu'un accessoire, un article utilisé dans le même domaine, un manuel, etc. Un hyperlien peut également être associé à une procédure de retour de produit, à une procédure de garantie de fabricant, à la réception d'avis de réduction ou de rappel, à des procédures d'enregistrement de produits ainsi qu'à d'autres fonctions. Le reçu peut être conservé dans une base de données centralisée, les informations utilisées de différentes façons par les acheteurs, les vendeurs et les autres entités autorisées.

Legal Status (Type, Date, Text)

Publication 20010809 A1 With international search report.

Examination 20011115 Request for preliminary examination prior to end of 19th month from priority date

...International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

#### Detailed Description

... created, receipt 26 can be wrapped in a SOAP envelope. As wellknown in the art, **SOAP**, which refers to the **Simple Object Access Protocol**, is a standards-based way of adding an **XML** envelope to an **XML** documents so that the recipient(s) can know what the contents of the XML document...

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00822603      \*\*Image available\*\*

**METHOD AND APPARATUS FOR ENCODER-BASED DISTRIBUTION OF LIVE VIDEO AND OTHER STREAMING CONTENT**

**PROCEDE ET APPAREIL DE DISTRIBUTION BASEE SUR UN CODEUR, DE VIDEO EN DIRECT ET D'AUTRE CONTENU DYNAMIQUE**

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Inventor(s):

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Legal Representative:

LONGANECKER Stacey (et al) (agent), Roylance, Abrams, Berdo & Goodman,  
Suite 600, 1300 19th Street, N.W., Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200156266 A2-A3 20010802 (WO 0156266)

Application: WO 2001US2855 20010129 (PCT/WO US0102855)

Priority Application: US 2000178749 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7755

**English Abstract**

An encoding scheme converts the output of an encoder to broadcast IP stream that is translated by remote receivers (14, 16, 18) or clients (20) to the original encoder output protocol. A protocol translation allows the encoder to be distributed to provide for larger scaling of encoders and servers (14, 16, 18), and better quality of service (QOS) and control over the distribution of streaming media. A server can also be provided with a built-in encoding scheme that provides a broadcast IP stream.

**French Abstract**

Un programme de codage convertit la sortie d'un codeur pour diffuser un flux IP qui est traduit par des recepteurs eloignes (14, 16, 18) ou des clients (22) dans le protocole de sortie du codeur de depart. Une traduction dans le protocole permet au codeur devant etre distribuee d'assurer une mise a l'echelle des codeurs et des serveurs (14, 16, 18) plus etendue et une meilleure qualite de service (QDS) et de commande au niveau de la distribution des supports dynamiques. Un serveur peut egalement etre equipe d'un programme de codage incorpore qui assure un flux IP dynamique.

Legal Status (Type, Date, Text)

Publication 20010802 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011213 Request for preliminary examination prior to end of  
19th month from priority date  
Search Rpt 20020103 Late publication of international search report  
Republication 20020103 A3 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:  
Detailed Description

#### Detailed Description

... transport manager 170 generates a transport command in response to the request (e.g., an **XML**-based **remote procedure call** (XBM)) to the transport sender 138 corresponding to that customer which provides the assigned multicast...

19/5,K/24 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00822254 \*\*Image available\*\*

**A SYSTEM AND METHOD FOR DETERMINING OPTIMAL SERVER IN A DISTRIBUTED NETWORK FOR SERVING CONTENT STREAMS**  
**SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LE SERVEUR OPTIMAL DANS UN RESEAU REPARTI POUR SERVIR DES FLUX DE CONTENU**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

BUCZYNSKI Joseph (et al) (agent), Roylance, Abrams, Berdo & Goodman, Suite 600, 1300 19th Street, N.W., Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155879 A1 20010802 (WO 0155879)  
Application: WO 2001US2852 20010129 (PCT/WO US0102852)  
Priority Application: US 2000178748 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11343

#### English Abstract

A network and method for efficiently and effectively acquiring broadcast content, such as multimedia data, from content providers (24) and delivering the acquired content to end users via a tiered network (12) to minimize congestion during content delivery to thus provide high quality of service. The network and method employ a tiered Internet-based network

that is served by a hybrid satellite/optical fiber data distribution network. The network includes a data center (18) to which data, such as streaming video, audio or multimedia data, is provided over a content acquisition network by content providers. The data center uplinks the data to at least one satellite, such as a geosynchronous earth orbit (GEO) satellite, and over an Internet or asynchronous transfer mode (ATM) network (30), which distributes the data to the servers in the tiered network (12). The tiered network in this example comprises three tiers, although any number of tiers is acceptable. The three tiers are referred to respectively as master data centers (master data center tier) (18), regional data centers (regional data center tier) (16), and media serving centers (media serving center tier) (14) that are interconnected by a private asynchronous transfer mode (ATM) network. A data director in the data center in cooperation with the ATM network determines which tier of servers can best fulfill a data request by an end user while minimizing the amount of hops required to provide such data.

#### French Abstract

La presente invention concerne un reseau et un procede permettant d'acquérir efficacement et avec efficience un contenu diffuse, tel que des donnees multimedia, en provenance de fournisseurs (24) de contenu et de delivrer le contenu obtenu a des utilisateurs finals via un reseau (12) par paliers de facon a minimiser la congestion du reseau pendant la delivrance de ce contenu et offrir ainsi un service de haute qualite. Ce reseau et ce procede utilise un reseau Internet par paliers qui est servi par un reseau hybride de distribution de donnees par fibre et par satellite. Ce reseau comprend un centre de donnees (18) auquel les donnees, telles que des donnees video en continu, des donnees audio ou multimedia, sont fournies via un reseau d'acquisition de contenu par des fournisseurs de contenus. Ce centre de donnees envoie des donnees de liaison montante a au moins un satellite, tel qu'un satellite en orbite terrestre geosynchronisee, et via un reseau Internet ou via un reseau a mode de transfert asynchrone (ATM) (30), qui distribue ces donnees aux serveurs du reseau (12) par paliers. Le reseau par palier de cet exemple comprend trois paliers, bien que n'importe quel nombre de paliers convienne. Ces trois paliers sont qualifies respectivement de centres de donnees maitre (palier de centres de donnees maitre) (18), de centres de donnees regionaux (palier de centres de donnees regionaux) (16), et de centres de service multimedia (palier de centres de service multimedia) (14), et ces paliers sont interconnectes par un reseau (ATM) a mode de transfert asynchrone prive. Un directeur de donnees du centre de donnees en cooperation avec le reseau ATM determine quel palier de serveurs est le plus a meme d'honorer une demande de donnees emanant d'un utilisateur final tout en minimisant la quantite de sauts requise pour fournir ces donnees.

Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Correction 20020110 Corrected version of Pamphlet front pages: revised abstract received by the International Bureau after completion of the technical preparations for international publication

Republication 20020110 A1 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... essentially any media format. The transport components preferably



employ RTP as a packet format and **XML** -based **remote procedure calls** (XBM) to communicate between transport components.

The transport manager will now be described with reference...manager 1 70 generates a transport command in response to the request (e.o., an **XML** -based **remote procedure call** (XBM)) to the transport serider I3 )8 of the acquisition module 106 (see Fig. 6...

19/5,K/25 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00801728 \*\*Image available\*\*

**HIGHLY DISTRIBUTED COMPUTER SERVER ARCHITECTURE AND OPERATING SYSTEM**  
**ARCHITECTURE DE SERVEUR INFORMATIQUE HAUTEMENT DISTRIBUEE ET SYSTEME**  
**D'EXPLOITATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200135242 A1 20010517 (WO 0135242)

Application: WO 2000US31108 20001113 (PCT/WO US0031108)

Priority Application: US 99164865 19991112

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

International Patent Class: G06F-013/00; G01B-007/00; H04N-007/10;  
H04J-003/02

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20283

**English Abstract**

A computer server system having a highly distributed architecture (HDA) generally includes a non-hierarchical array of physical machines, each having physical and logical (i.e. virtual) resources (1-3), a network enabling data transmission between and among the physical machines, and program code for allocating and managing system resources (10). The program code for allocating and managing system resources may be in the form of an HDA Server operating system (100) designed to take advantage of the distributed server architecture; advantages of the HDA system (100) may include rapid adaptation to system events and migration of application components among physical and logical resources (1-3). In one exemplary embodiment, a system including an HDA computer server having an HDA Server operating system (100) may serve as a platform for

facilitating Internet transactions through use of Adaptive User Interfaces (AUIs) for communication between the HDA system (100) and an external client. Such an HDA-based system provides efficient overall system resource management, excellent fault tolerance characteristics (i.e. stability and reliability), and virtually infinite scalability.

#### French Abstract

L'invention concerne un systeme de serveur informatique a architecture hautement distribuee (HDA), qui comprend generalement un reseau non hierarchique de machines physiques, chaque machine possedant des ressources (1-3) physiques et logiques (c'est-a-dire, virtuelles), un reseau permettant de transmettre des donnees entre et dans les machines physiques, et un code de programme permettant d'attribuer et de gerer des ressources systeme (10). Le code qui permet d'attribuer et de gerer des ressources systeme peut se presenter sous la forme d'un systeme d'exploitation (100) de serveur HDA concu pour beneficier des avantages de l'architecture de serveur distribuee. Les avantages du systeme HDA (100) peuvent consister en une adaptation rapide aux evenements du systeme, et en une migration de composants d'application dans les ressources (1-3) physiques et logiques. Selon un mode de realisation exemplaire, un systeme comprenant un serveur informatique HDA qui possede un systeme d'exploitation (100) de serveur HDA peut servir de plate-forme destinee a faciliter des transactions Internet a l'aide d'interfaces utilisateur adaptatives (AUI), de facon a etabli une communication entre le systeme HDA (100) et un client externe. Ce systeme HDA fournit une gestion de ressources systeme globale efficace, d'excellentes caracteristiques de tolerance d'erreur (c'est-a-dire, stabilite et fiabilite), et une extensibilite virtuelle infinie.

Legal Status (Type, Date, Text)

Publication 20010517 A1 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

#### Detailed Description

... Agent in real-time. For example, SoftSpots 281 may adapt or convert the "neutral" markup ( SOAP , for instance) produced through HDA Server 200 to WAP/ WML , VoiceXML, HTML , or any other XML dialect.

Figure 13 is a simplified flow chart illustrating the operation of one embodiment of...

19/5,K/26 (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00792444 \*\*Image available\*\*

**SYSTEM AND METHOD FOR DISTRIBUTING MEDIA ASSETS TO USER DEVICES AND MANAGING USER RIGHTS OF THE MEDIA ASSETS**

**SYSTEME ET PROCEDURE DE DISTRIBUTION DE PARCS DE SUPPORT A DES DISPOSITIFS UTILISATEURS ET DE GESTION DES DROITS DES UTILISATEURS DES PARCS DE SUPPORTS**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200125948 A1 20010412 (WO 0125948)

Application: WO 2000US27564 20001005 (PCT/WO US0027564)

Priority Application: US 99157736 19991005; US 2000176829 20000119; US  
2000176830 20000119; US 2000176833 20000119; US 2000177063 20000119; US  
2000177783 20000124; US 2000177884 20000124; US 2000177867 20000124

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-015/16**

International Patent Class: G06F-015/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8434

English Abstract

A system and method for distributing digital media assets to a plurality of users. A portal (300) is provided comprising at least one server computer. The portal executes a media library database server application that manages access to a master library of media assets (100) that can be accessed by users via one or more communication networks (400). A plurality of media player (200) devices communicate with the portal (300) to access media assets for use. Each media player (200) device may comprise a processor that executes a database client application that manages media assets licensed for use by a user.

French Abstract

L'invention concerne un systeme et un procede de distribution de parcs de supports numeriques a une pluralite d'utilisateurs. Un portail (300) est prevu lequel comprend au moins un ordinateur serveur. Le portail execute une application du serveur de base de donnees d'une bibliotheque de supports gerant l'accès a une bibliotheque principale de parcs de supports (100) auxquels peuvent accéder des utilisateurs par l'intermediaire d'un ou de plusieurs reseaux de communication (400). Une pluralite d'appareils a lecteur (200) de supports communiquent avec le portail (300) afin d'accéder aux parcs de supports destines a être utilisés. Chaque appareil a lecteur (200) de support peut comprendre un processeur executant une application client de base de donnees laquelle gere les parcs de supports qu'un utilisateur est autorise a utiliser.

Legal Status (Type, Date, Text)

Publication 20010412 A1 With international search report.  
Examination 20010802 Request for preliminary examination prior to end of  
19th month from priority date  
Correction 20021121 Corrected version of Pamphlet: pages 1/11-11/11,  
drawings, replaced by new pages 1/11-11/11; due to  
late transmittal by the receiving Office  
Republication 20021121 A1 With international search report.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

Detailed Description

... its database application with that of the portal. A network protocol,  
such as for example **XML - RPC** , is used to synchronize the databases.  
More specifically, each account on the portal has one...

**19/5,K/27 (Item 27 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00557859 \*\*Image available\*\*

**CONVERSATIONAL BROWSER AND CONVERSATIONAL SYSTEMS**

**NAVIGATEUR INTERACTIF ET SYSTEMES INTERACTIFS**

Patent Applicant/Assignee:

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LUCAS Bruce D,  
MAES Stephane H,  
NAHAMOO David,  
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Inventor(s):

GOPALAKRISHNAN Ponani,  
LUCAS Bruce D,  
MAES Stephane H,  
NAHAMOO David,  
SEDIVY Jan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200021232 A2 20000413 (WO 0021232)

Application: WO 99US23008 19991001 (PCT/WO US9923008)

Priority Application: US 98102957 19981002; US 99117595 19990127

Designated States: CA CN IL IN JP KR US AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE

Main International Patent Class: **G06F-015/16**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22867

English Abstract

A conversational browsing system (10) comprising a conversational  
browser (11) having a command and control interface (12) for converting  
speech commands or multi-modal input from I/O resources (27) into  
navigation request. The system (10) comprises conversational engines (23)  
for decoding input commands for interpretation by the command and control  
interface and decoding meta-information provided by the CML processor for  
generating synthesized audio output. The system includes a communication  
stack (19) for transmitting the navigation request to a content server  
and receiving a CML file from the content server based on the navigation

request. A conversational transcoder (13) transforms presentation material from one modality to a conversational modality. The transcoder (13) includes a functional transcoder (13a) to transform a page of GUI to a page of CUI (conversational user interface) and a logical transcoder (13b) to transform business logic of an application, transaction or site into an acceptable dialog.

#### French Abstract

L'invention porte sur un systeme de navigation (10) interactif comprenant un navigateur (11) interactif possedant une interface (12) de commande et de controle destinee a convertir des commandes vocales ou entrees multi-modales a partir de ressources (27) E/S en une demande de navigation ; un processeur (14) pour analyser et interpreter un fichier CML (langage de balisage interactif), ce fichier comprenant des meta-informations representant une interface utilisateur interactive destinee a etre presentee a un utilisateur. Le systeme (10) comprend des moteurs (23) interactifs destines a decoder des commandes d'entree qui seront interpretees par l'interface commande et controle, et a decoder des meta-informations fournies par le processeur CML de facon a generer une sortie audio synthetisee. L'explorateur (11) accede au moteur (23) par des appels systeme dans une plate-forme (15) systeme. Le systeme comprend une pile (19) de communications destinee a transmettre la demande de navigation a un serveur de contenus et a recevoir un fichier CML du serveur de contenus sur la base de la demande de navigation. Un transcodeur (13) interactif transforme le materiau de presentation d'une modalite en une modalite interactive. Le transcodeur (13) comprend un transcodeur (13a) fonctionnel destine a transformer une page de GUI en une page de CUI (interface utilisateur interactive) et un transcodeur (13b) logique destine a transformer une logique de gestion d'une application, d'une transaction ou d'un site en un dialogue acceptable. Le transcodage interactif peut convertir des fichiers HTML en fichier CML qui sont interpretes par l'explorateur (11) interactif.

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

#### Detailed Description

... next presentation material. Applets and plugins can communicate via RMI (remote method invocation), socket connections, **RPC** ( **remote procedure call** ), etc. In addition, complex transcoding schemes, **XML** ( **Extensible Markup Language** ) extensions and scripting languages are used for specific information or services or to simplify the...

?

Set	Items	Description
S1	18863	XML OR HTML OR (MARKUP OR MARK()UP) (1W) (LANGUAGE? OR METAL- ANGUAGE?) OR CXML OR SGML OR XGML OR SAML OR GML OR PML OR XA- CML
S2	2229	SAML OR HDML OR XRML OR VOXML OR SMIL OR WML OR UIML OR FS- ML OR CFML OR STML OR XHTML OR DSML OR SMBXML OR DAML OR FPML OR PMML OR JSML
S3	2420	RPC OR REMOTE(1W) (PROCEDURE? ? OR FUNCTION? ? OR SUBROUTIN- E? OR SUB()ROUTINE? ? OR METHOD? ? OR INVOK? OR INVOC? OR SER- VICE? ?) (1W) (CALL??? ? OR REQUEST?)
S4	211	RPCS
S5	37228	(PROCEDURE? ? OR FUNCTION? ? OR SUBROUTINE? OR SUB()ROUTIN- E? ? OR METHOD? ? OR INVOK? OR INVOC? OR SERVICE? ?) (1N) (CALL- ??? ? OR REQUEST?)
S6	1543	S5(2N) (REMOTE? OR REMOVED OR DISTANT? OR OFFSITE? OR OFF()- SITE? ? OR ELSEWHERE OR ELSE()WHERE)
S7	33	S5(2N) (ANOTHER OR OTHER OR DIFFERENT) (1W) (LOCATION? ? OR P- LACE? ? OR SITE? ? OR LOCALE? ?)
S8	10	WINRPC OR ORPC
S9	15744	SOAP OR SIMPLE()OBJECT()ACCESS()PROTOCOL?
S10	254	S1:S2(20N) (S3:S4 OR S6:S9)
S11	24	S10/TI,AB,CM
S12	24	IDPAT (sorted in duplicate/non-duplicate order)
S13	24	IDPAT (primary/non-duplicate records only)
S14	107	IC='G06F-009/54'
S15	3665	IC='G06F-015/16':IC='G06F-015/163'
S16	29	S10 AND S14:S15
S17	27	S16 NOT S13
S18	27	IDPAT (sorted in duplicate/non-duplicate order)
S19	27	IDPAT (primary/non-duplicate records only)
S20	96	S1:S2(20N) (S3:S4 OR S6:S8)
S21	3305	IC='G06F-009/46'
S22	107	IC='G06F-009/54'
S23	12	S10 AND S21:S22
S24	9	S23 NOT (S13 OR S19)

? t24/5,k/all

24/5,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01513162

**Method to find objects in a network and object management system**

**Verfahren zum Auffinden von Objekten in einem Netzwerk und  
Objektverwaltungssystem**

**Procede pour recuperer des objets en reseau et systeme de gestion d'objets**

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1265138 A1 021211 (Basic)

APPLICATION (CC, No, Date): EP 2001810549 010607;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/46

ABSTRACT EP 1265138 A1 (Translated)

Locating objects in network involves searching first object server for objects satisfying client criteria and/or searching reference instantiation for further servers to search

The method involves a client sending an object request to a first server with search criteria, searching the first server for objects satisfying at least a first part of the criteria and/or, if no object is found on the first server, searching a reference instantiation for further servers satisfying at least a second part of the criteria and searching these servers for objects satisfying at least the first part of the criteria.

The method involves a client (3) sending an object request to a first object server (2) with a set of search criteria, searching the first server for objects satisfying at least a first part of the criteria and/or, if no object is found on the first server, searching the reference instantiation (4) for further object servers (6) satisfying at least a second part of the criteria and searching the located servers for objects satisfying at least the first part of the criteria. If at least one object satisfying the search criteria is located, location information the located objects is sent back for to the client. AN Independent claim is also included for the following: an object management system.

TRANSLATED ABSTRACT WORD COUNT: 213

ABSTRACT EP 1265138 A1

Die Erfindung ist gerichtet auf ein Verfahren zum Auffinden von Objekten in einem Netzwerk mit einer Mehrzahl von Objekt-Servern (2, 6), die bei einer Referenz-Instanz (4) angemeldet sind, die Informationen zu vorgegebenen Kriterien über die bei ihr angemeldeten Objekt-Server (2, 6) verwaltet, mit folgenden Schritten: Absenden einer Objekt-Anfrage durch einen Klienten (3) an einen ersten Objekt-Server (2), wobei die Anfrage ein Set von Suchkriterien zur Bestimmung geeigneter Objekte aufweist; Durchsuchen des ersten Objekt-Servers (2) nach zumindest einem ersten Teil der Suchkriterien genugenden Objekten und/oder im Falle des Nichtfindens eines Objekts auf dem ersten Objekt-Server (2); Durchsuchen der Referenz-Instanz (4) nach weiteren, zumindest einem zweiten Teil der Suchkriterien genugenden Objekt-Servern (6) und Durchsuchen der so aufgefundenen Objekt-Server (6) nach zumindest dem ersten Teil der Suchkriterien genugenden Objekten; und, falls zumindest ein den Suchkriterien genugendes Objekt auf einem der Objekt-Server (2, 6) gefunden worden ist: Zurücksenden von Lokalisierungsinformationen für die gefundenen Objekte an den Klienten (3).

ABSTRACT WORD COUNT: 155

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021211 A1 Published application with search report

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	200250	1077
SPEC A	(German)	200250	3427
Total word count - document A			4504
Total word count - document B			0
Total word count - documents A + B			4504

INTERNATIONAL PATENT CLASS: G06F-009/46

...SPECIFICATION kommuniziert mit den entfernten Objektservern über offene

plattform- und technologieunabhängige Transportprotokolle und Formate, wie beispielsweise **XML** , **SOAP** , **IIOP**, **LDAP**. Die Auswertung einer solchen Anfrage kann über verschiedene Niveaus erfolgen, das heist, das ...sich, das alle Einheiten, die an dem erfindungsgemäsen Netzwerk teilnehmen, standardisierten Schnittstellen und Protokollen wie **XML** , **SOAP** , **IIOP**, oder **LDAP** entsprechen müssen, welche die Kommunikation zwischen ihnen in der gleichen Weise ermöglichen...

**24/5,K/2 (Item 2 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01509743

**System and method for discovering and customizing resources in networks**  
**Verfahren und Vorrichtung zur Entdeckung und Kundenspezifizierung von**  
**Ressourcen in Netzwerken**

**Systeme et procede pour decouvrir et personnaliser des ressources dans des**  
**reseaux**

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

Rupp, Christian, Dipl.Phys. et al (88331), Mitscherlich & Partner Patent-  
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PATENT (CC, No, Kind, Date): EP 1262869 A1 021204 (Basic)

APPLICATION (CC, No, Date): EP 2001113095 010529;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-009/46**

ABSTRACT EP 1262869 A1

The present invention relates to a method and a computer software product (101) for a computing device (102) adapted to communicate with at least one managed and/or unmanaged network, providing access to one or more shared-resources and/or shared-services of that network or networks by means of a virtual device comprising a collection of information about resources and/or services available on the network, a reservation mechanism, a retrieving of remote controls (109) for these resources and/or services, and customization and assembling of this remote controls (109) to build the virtual device. The present invention hereby proposes an advantageous system for an automatic and/or user controlled assembly of different shared-resources and/or shared-services offered in a changing network environment into a single device, which is then available on the computing device and to the network used.

ABSTRACT WORD COUNT: 134

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021204 A1 Published application with search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count



CLAIMS A	(English)	200249	842
SPEC A	(English)	200249	6469
Total word count - document A			7311
Total word count - document B			0
Total word count - documents A + B			7311

INTERNATIONAL PATENT CLASS: **G06F-009/46**

...SPECIFICATION retrieve the remote controls of the reserved shared-resources/services. This can be implemented by **Remote Procedure calls** , use of proxies, use of **XML** -based scripts or the like. Such remote controls are stored in the memory device 106...

**24/5,K/3** (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00999982 \*\*Image available\*\*

# **CLIENT SERVER MODEL**

## **MODELE CLIENT-SERVEUR**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200329975 A2 20030410 (WO 0329975)

Application: WO 2002GB3981 20020830 (PCT/WO GB0203981)

Priority Application: EP 2001308317 20010928

Designated States: CA US

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

Main International Patent Class: **G06F-009/46**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6529

## English Abstract

The invention addresses the problems of server overload by installing an integrity manager (32) which intercepts calls from the client (10) to the server (12) and delays them. In addition the Integrity manager (32) can be downloaded automatically when a server service is first invoked.

## French Abstract

L'invention concerne la mise en place d'un gestionnaire d'integrite (32) qui intercepte les communications etablies par un client (10) a

destination d'un serveur (12), et qui les retarde, permettant de surmonter les difficultes lies aux surcharges de serveur. Ce gestionnaire (32) peut etre telecharge automatiquement a l'invocation initiale d'un service de serveur.

Legal Status (Type, Date, Text)

Publication 20030410 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

... would work in the same ways as the Java RMI stub in intercepting message calls.

Simple Object Access Protocol ( SOAP ) implementation is built as follows.

SOAP is built around packaging method calls into XML documents and sending them normally using HTTP-POST messages to the server. Language dependent stubs...

24/5,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00937109 \*\*Image available\*\*

A METHOD AND A BRIDGE FOR COUPLING A SERVER AND A CLIENT OF DIFFERENT OBJECT TYPES

PROCEDE ET PASSERELLE RELIANT UN SERVEUR ET UN CLIENT DE DIFFERENTS TYPES D'OBJETS

Patent Applicant/Assignee:

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IBM DEUTSCHLAND GMBH, Pascalstrasse 100, 70569 Stuttgart, DE, DE (Residence), DE (Nationality), (Designated only for: LU)

Inventor(s):

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TAPHORN Wolfgang, Im Roehrle 3, 71101 Schoenaich, DE,

Legal Representative:

TEUFEL Fritz (agent), IBM Deutschland GmbH, Intellectual Property, Pascalstr. 100, 70548 Stuttgart, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200271216 A2 20020912 (WO 0271216)

Application: WO 2002EP1139 20020205 (PCT/WO EP0201139)

Priority Application: EP 2001105064 20010301

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 4537

English Abstract

The computer system has clients and servers of different object models, such as SOAP, CORBA and / or EJB. In order to connect a SOAP client to a CORBA or EJB server a bridge 10 is used containing corresponding server and client components as well as a mapping component in order to map object and method requests of one type into another. This way distributed application services can be provided.

French Abstract

L'invention porte sur un systeme d'ordinateur presentant des clients et des serveurs de differents types d'objet tels que SOAP, CORBA et/ou EJB. Pour pouvoir relier un client SOAP a un serveur CORBA ou EJB, on utilise une passerelle (10) contenant les composants de serveur et de client correspondant, ainsi qu'un composant de mise en correspondance transformant les objets et les demandes de procedes d'un type en un autre. On peut ainsi offrir des services d'applications repartis.

Legal Status (Type, Date, Text)

Publication 20020912 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20030103 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-009/46**

Fulltext Availability:  
Detailed Description

Detailed Description

... use the Simple Object Access Protocol (SOAP) as the object oriented technology of choice as ( **SOAP** ) is firewall compatible. **SOAP** is a protocol for exchange of information in a decentralized, distributed environment. It is an **XML** based protocol that consists of three parts: an envelope that defines a framework for describing...

**24/5,K/5 (Item 3 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
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00933099 \*\*Image available\*\*

**METHOD AND SYSTEM FOR PASSING OBJECTS IN A DISTRIBUTED SYSTEM USING  
SERIALIZATION CONTEXTS  
PROCEDE ET SYSTEME PERMETTANT DE TRANSMETTRE DES OBJETS DANS UN SYSTEME  
REPARTI AU MOYEN DE CONTEXTES DE SERIALISATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200267118 A2 20020829 (WO 0267118)

Application: WO 2002US136 20020103 (PCT/WO US0200136)

Priority Application: US 2001753686 20010104

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4636

English Abstract

A system consistent with the present invention reduces the number of redundant class descriptors that are sent during remote method calls by using serialization contexts. "Serialization contexts" are dictionary objects that map a class descriptor to a corresponding integer handle. When possible, the integer handle, rather than the full class descriptor, is passed, saving processing time in RMI calls.

French Abstract

Cette invention concerne un systeme qui permet de reduire le nombre de descripteurs de classe redondants qui sont transmis pendant des invocations de methode a distance (RMI) au moyen de contextes de serialisation. Par "contextes de serialisation", on entend des objets de dictionnaire qui font correspondre un descripteur de classe a une <= poignee >= de valeur entiere >=. Dans la mesure du possible, on transmet la poignee de valeur entiere au lieu du descripteur de classe complet, ce qui fait gagner du temps pour le traitement des invocations de demande a distance.

Legal Status (Type, Date, Text)

Publication 20020829 A2 Without international search report and to be republished upon receipt of that report.

Examination 20020926 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-009/46

Fulltext Availability:

Detailed Description

Detailed Description

...

<http://java.sun.com/products/jdk/1.3/docs/guide/serialization/spec/serialTOC.doc.html>, which is incorporated herein by reference.

Within a single remote method call, a class descriptor is sent with the first object of that type that is serialized...

24/5,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00883974

**A METHOD OF ENABLING A WIRELESS INFORMATION DEVICE TO ACCESS DATA SERVICES  
PROCEDE PERMETTANT A UN DISPOSITIF D'INFORMATION SANS FIL D'ACCEDER A DES  
SERVICES DE TRANSMISSION DE DONNEES**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200217075 A2 20020228 (WO 0217075)

Application: WO 2001GB3788 20010822 (PCT/WO GB0103788)

Priority Application: GB 200020735 20000822; GB 200110780 20010502

Designated States: CN JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Main International Patent Class: **G06F-009/46**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26277

**English Abstract**

A method of enabling a wireless information device to access data from several data services providers in which the method comprises the step of the device using an extensible framework which handles data passing to and from several applications resident on the device, the framework being shared by each of the applications resident on the device and also being shared by each of the data services providers.

**French Abstract**

L'invention concerne un procede permettant a un dispositif d'information sans fil d'acceder a des donnees a partir de differents fournisseurs de services de transmission de donnees. Ce procede comprend l'etape dans laquelle le dispositif met en oeuvre un cadre d'applications extensible qui maitrise le passage des donnees vers et a partir de differentes applications residant dans le dispositif, le cadre d'applications etant partage par chacune des applications residant dans le dispositif et etant egalement partage par chacun des fournisseurs de services de transmission de donnees.

Legal Status (Type, Date, Text)

Publication 20020228 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20020822 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: **G06F-009/46**

Fulltext Availability:

## Detailed Description

### Detailed Description

... response and fault are likely to become dominant.

#### LanguageIndependent

Due to the existing availability of XML libraries for many languages and the very nature of SOAP, client software is either immediately available or can be provided quickly for many languages. This...some of the difficulties with the quality of service of wireless.

The parsing of the XML based SOAP protocol on the client side was

24/5,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00879181 \*\*Image available\*\*

#### METHOD AND SYSTEM FOR SESSION BASED AUTHORIZATION AND ACCESS CONTROL FOR NETWORKED APPLICATION OBJECTS

PROCEDE ET SYSTEME DESTINES A LA REGULATION DE L'AUTORISATION ET DE L'ACCES SUR LA BASE DES SESSIONS POUR LES OBJETS D'APPLICATION EN RESEAU

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200213437 A2-A3 20020214 (WO 0213437)

Application: WO 2001EP5433 20010512 (PCT/WO EP0105433)

Priority Application: EP 2000116864 20000804

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19176

#### English Abstract

The present invention relates to an ingress-session-based authorization and access control method and system to control access from an initiator-host (IH) to objects (Target 1, Target 2) on a target host (TH) by receiving an access-request, preferably a request-message (M1), originally coming from the initiator-host (IH), that references an object

(Target 1, Target 2) on the target host (TH) to access, assigning the access-request (M1) to an ingress-session and selecting a session-context (SC-U, SC-W, SC-Y) belonging to that ingress-session, checking whether the access to the referenced object (Target 1, Target 2) is authorized in the selected session-context (SC-U, SC-W, SC-Y) or not wherein references to objects (Target 1, Target 2) on the target host (TH) were handed over to the initiator-host (IH) as a response to an access-request already granted and wherein the object the reference is handed over for is authorized for access under the handed over reference in that session-context (SC-U, SC-W, SC-Y) the already granted access-request is assigned to.

#### French Abstract

La presente invention concerne un systeme et procede de regulation de l'autorisation et de l'accès sur la base des sessions d'entree, destines a reguler l'accès depuis un hôte initiateur (IH) vers des objets (Cible 1, Cible 2) sur un hôte cible (TH) par la reception d'une requete d'accès, de preference d'un message de requete (M1) qui provient a l'origine de l'hôte initiateur (IH), qui reference un objet (Cible 1, Cible 2) sur l'hôte cible (TH) pour accéder, attribuer la requete d'accès (M1) a une session d'entree et selectionner un contexte de session (SC-U, SC-W, SC-Y) appartenant a cette session d'entree, verifier si l'accès a l'objet reference (Cible 1, Cible 2) est autorise dans le contexte de la session selectionnee (SC-U, SC-W, SC-Y), les references aux objets (Cible 1, Cible 2) sur le hôte cible (TH) etant transmises a l'hôte initiateur (IH) en tant que reponse a une requete d'accès deja octroyee, et si l'objet / la reference a deja ete remis pour un accès autorise dans le cadre de la reference remise dans ce contexte de session (SC-U, SC-W, SC-Y) a laquelle est attribuee la requete d'accès deja octroyee.

#### Legal Status (Type, Date, Text)

Publication	20020214	A2 Without international search report and to be republished upon receipt of that report.
Examination	20020321	Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20021031	Late publication of international search report
Republication	20021031	A3 With international search report.
Republication	20021031	A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: **G06F-009/46**

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... protocols could be, CORBA objects, Java objects, DCOM objects, or any static or dynamically created **HTML**, **XML**, or **WN4L** content. Examples of **RPC** protocols, remote object invocation protocols, or resource transfer protocols used by those distributed systems...

...or Java RMI over HOP), the Hypertext Transfer Protocol (HTTP) used for the transfer of **HTML** encoded content and/or other MIME-typed content, any Extensible **Markup Language** (**XML**)-based **RPC** or remote object invocation protocols using HTTP as the base transport with standard HTTP...

...e.g., HTTP POST requests and standard HTTP responses to successful POST requests) encapsulating **XML**-based encoding of **RPCs**, object invocation request,, or response messages. An example of such protocols is

the Simple Object Access Protocol ( SOAP ),  
the Wireless Application Protocol (WAP) supporting application-level  
interactions and content exchange using standard content encoding such as  
Wire

less Markup Language (WML) encoded content, WAP Binary XML Format  
encoded content, textual Wireless Markup Language Scripts (WMLScript...to  
any distributed systems based on such protocols as, for instance, Java  
RMI, DCOM, HTTP/ HTML , HTTP/ XML , SOAP , or WAP/ WML .

The present invention as depicted in Fig. 4a is described as a number of  
subsystems...

24/5,K/8 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00878817 \*\*Image available\*\*

METHOD, SYSTEM, AND PROGRAM FOR INVOKING STORED PROCEDURES AND ACCESSING  
STORED PROCEDURE DATA

PROCEDE, SYSTEME ET PROGRAMME DESTINES A INVOQUER DES PROCEDURES MISES EN  
MEMOIRE ET A ACCEDER A DES DONNEES DE PROCEDURE MISES EN MEMOIRE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200213010 A2 20020214 (WO 0213010)

Application: WO 2001GB3467 20010801 (PCT/WO GB0103467)

Priority Application: US 2000223156 20000807; US 2001845065 20010427

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7083

English Abstract

Provided is a method, system, and program for enabling access to data. A  
call is received from a client to invoke a remote interface method. A



remote interface implementation accesses parameters from the received call in response to the invocation of the remote interface method. A stored procedure call is generated with the accessed parameters as input parameters of the stored procedure. The stored procedure call is transferred to a stored procedure named by the call to execute. Output from the stored procedure is received and inserted into a data object that is returned to the client.

#### French Abstract

L'invention concerne un procede, un systeme et un programme donnant acces a des donnees. Un appel d'un client est reçu pour invoquer un procede d'interface distante. La mise en application de l'interface distante accede a des parametres a partir de l'appel reçu en reponse a l'invocation du procede d'interface distante. Une procedure d'appel mise en memoire est generee au moyen des parametres accedes comme parametres d'entree de la procedure mise en memoire. Cette procedure est transferee vers une procedure nommee mise en memoire par l'appel a executer. La sortie provenant de la procedure mise en memoire est recue et introduite dans un objet de donnees qui est renvoye au client.

#### Legal Status (Type, Date, Text)

Publication 20020214 A2 Without international search report and to be republished upon receipt of that report.

Examination 20021003 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: **G06F-009/46**

Fulltext Availability:

Detailed Description

#### Detailed Description

... remote interface implementation 12. Additionally, the client application 6 may comprise a web or Hypertext **Markup Language** ( **HTML** ) client that transmits the call 32 as a Hypertext Transfer Protocol (HTTP) **request** that **invokes** the **remote** interface implementation 12 indirectly through a Java servlet.

Preferred embodiments were described with respect to...

24/5,K/9 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00824130 \*\*Image available\*\*

#### METHOD AND SYSTEM FOR REUSING INTERNET-BASED APPLICATIONS

#### PROCEDE ET SYSTEME PERMETTANT DE REUTILISER DES APPLICATIONS BASEES SUR INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200157661 A2-A3 20010809 (WO 0157661)

Application: WO 2001CA146 20010131 (PCT/WO CA0100146)

Priority Application: CA 2297596 20000131; CA 2297597 20000131; CA  
2297711 20000131

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-009/46**

International Patent Class: G06F-009/44

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10366

English Abstract

A method for facilitating application reuse in web-based applications,  
said method comprising the steps of creating an application having parent  
and child components and using a linked application form in the parent to  
specify a link to either an arbitrary URL or a child application and,  
using an exit form in each child application to define flows that return  
from a child exit form and continue in the parent.

French Abstract

L'invention concerne un procede facilitant une reutilisation  
d'applications basees sur le web. Ce procede comprenant les etapes  
consistant a creer une application pourvue de composants parent et  
enfant; a utiliser une forme d'application de liaison dans l'application  
parent; a utiliser une forme de sortie dans chaque application enfant en  
vue de specifier un lien soit a un URL arbitraire soit a une application  
enfant et a utiliser une forme de sortie dans chaque application enfant  
en vue de definir des flux provenant de la forme de sortie enfant et se  
poursuivant dans l'application parent.

Legal Status (Type, Date, Text)

Publication 20010809 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20011115 Request for preliminary examination prior to end of  
19th month from priority date

Search Rpt 20021121 Late publication of international search report

Republication 20021121 A3 With international search report.

Main International Patent Class: **G06F-009/46**

Fulltext Availability:

Detailed Description

Detailed Description

... are described in a separate patent application.

In Step 744 the Form 623 creates a **SOAP** based data server components

626 with information to create components to generate arbitrary **XML** data. The data server components 626 are called for each component in the application level...

Set	Items	Description
S1	234	AU= (MERRICK P? OR MERRICK, P? OR ALLEN, S? OR ALLEN S? OR LAPP J? OR LAPP, J?)
S2	4533	XML? OR EXTENSIBLE()MARKUP()LANGUAGE? OR MARK()UP()LANGUAG- E?
S3	2034	RPC OR REMOT?()PROCEDUR?()CALL?
S4	57	S2(S)S3
S5	39	S2(10N)S3
S6	36	S2(6N)S3
S7	27	S6 AND IC=G06F?
S8	0	S1 AND S4

?show files

File 348:EUROPEAN PATENTS 1978-2002/Aug W02

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020815,UT=20020808

(c) 2002 WIPO/Univentio

?

7/5,K/1 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00925076 \*\*Image available\*\*

SYSTEM AND METHOD PROVIDING DISTRIBUTED WELDING ARCHITECTURE  
SYSTEME ET PROCEDE DE CREATION D'UNE ARCHITECTURE DE SOUDURE REPARTIE  
Patent Applicant/Assignee:

THE LINCOLN ELECTRIC COMPANY, 22801 Saint Claire Avenue, Cleveland, OH  
44117, US, US (Residence), US (Nationality)

Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200258878 A1 20020801 (WO 0258878)

Application: WO 2002US1888 20020122 (PCT/WO US0201888)

Priority Application: US 2001770064 20010125

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: B23K-009/10

International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13834

#### English Abstract

A system and method provides a distributed welding architecture in accordance with the present invention. The system includes a welder (124, 126, 128) operatively coupled to a server and a network interface to enable a network architecture, the network architecture serving a network that communicates with at least one remote system (30, 140, 310, 806). The remote system (30, 140, 310, 806) includes at least one remote interface (70) to communicate with the network architecture, wherein the remote system (30, 140, 310, 806) accesses at least one HTTP socket to establish web communications with the welder (124, 126, 128) and loads at least one application from the welder (124, 126, 128). The remote system (30, 140, 310, 806) accesses at least one Welding Application socket via the at least one application to exchange information between the welder (124, 126, 128) and the remote system (30, 140, 310, 806), wherein the at least one application includes at least one of a weld configuration component (74), a weld monitoring component (78), and a weld control component (82) to interact with the distributed welding system.

#### French Abstract

La presente invention concerne un systeme et un procede de creation d'une architecture de soudure distribuee. Le systeme comprend une soudeuse (124, 126, 128) couplee, de maniere a fonctionner, a un serveur et a une interface reseau pour creer une architecture de reseau, l'architecture de reseau desservant un reseau qui communique avec au moins un systeme hors site (30, 140, 310, 806). Le systeme hors site (30, 140, 310, 806) comprend au moins une interface hors site (70) qui communique avec l'architecture de reseau, ledit systeme hors site (30, 140, 310, 806) accedant a au moins un mecanisme d'echange HTTP pour etablir des communications Web avec la soudeuse (124, 126, 128) et qui charge au moins une application provenant de la soudeuse (124, 126, 128). Le systeme hors site (30, 140, 310, 806) accede a au moins mecanisme

d'echange d'application de soudure via la ou les applications pour  
echanger des informations entre la soudeuse (124, 126, 128) et le systeme  
hors site (30, 140, 310, 806), la ou les applications comprenant au moins  
constituant parmi les constituants suivants : un constituant de  
configuration de soudure (74), un constituant de surveillance de soudure  
(78) et un constituant de commande de soudure (82) destine a interagir  
avec le systeme de soudure distribuee.

Legal Status (Type, Date, Text)

Publication 20020801 A1 With international search report.

Publication 20020801 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... such technologies as HTML, SHTML, VB Script, JAVA, CGI Script, JAVA  
Script, dynamic HTML, PPP, RPC, TELNET, TCPAP, FTP, ASP, XML, PDF,  
WML as well as other formats. The 15 browser 312, which can reside...

7/5,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00916598 \*\*Image available\*\*

SYSTEM AND METHOD FOR PROVIDING COMMUNICATION AMONG LEGACY SYSTEMS USING  
WEB OBJECTS FOR LEGACY FUNCTIONS

SYSTEME ET PROCEDURE D'ETABLISSEMENT DE COMMUNICATION PARMI DES SYSTEMES  
ANCIENS, AU MOYEN D'OBJETS DU WEB DESTINES A DES FONCTIONS ANCIENNES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200250693 A1 20020627 (WO 0250693)

Application: WO 2001US48840 20011220 (PCT/WO US0148840)

Priority Application: US 2000256971 20001221; US 2001968663 20011002

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/163

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12487

English Abstract

A System for and method of facilitating data communication between (i) first computer system (50) that runs a legacy and is operable as a service provider and (ii) a second computer system (60) that is operable as a requester. Multi-layered software adapters (10) are respectively interposed between an electronic network and each of the first and second computers thereby connecting the first and second computers to each other via the adapters. The first computer, which is operable as a service provider and runs the legacy application, publishes an interface model of its legacy application functions. The second computer, which operable as a requester, looks up, via an adapter, the published interface model when a request for data that is available from the legacy application is made by the second computer. The adapters then communicate with each other in a common format and a protocol to exchange information and data as is desired. In a preferred implementation, published interface models are searchable by requestor adapters. Also, at least some of the layers (10, 15, 20, 25) in the multi-layer adapter are plugable and selectable.

French Abstract

L'invention concerne un systeme et un procede servant a faciliter la communication entre (i) un premier systeme informatique (50) exploitant une application ancienne et pouvant fonctionner en tant que fournisseur de services, et (ii) un second systeme informatique (60) pouvant fonctionner en tant que demandeur de services. Des adaptateurs logiciels a plusieurs couches (10) sont respectivement interposes entre un reseau electronique et chacun de ces ordinateurs, le premier et le second etant ainsi connectes l'un avec l'autre par le biais d'adaptateurs. Le premier ordinateur, pouvant fonctionner en tant que fournisseur de services et exploitant une application existante, publie un modele d'interface de ses fonctions d'application existantes. Le second ordinateur, fonctionnant en tant que demandeur, consulte, par le biais d'un adaptateur, le modele d'interface publie lorsqu'il execute une demande de donnees disponibles a partir de l'application existante. Les adaptateurs communiquent alors l'un avec l'autre, dans un format et un protocole communs, de maniere a echanger des informations et donnees, en fonction des besoins. Dans un mode de realisation prefere, des modeles d'interface publies peuvent etre extraits par des adaptateurs de demandeur. De meme, quelques couches au moins de l'adaptateur multicouche (10, 15, 20, 25) peuvent etre connectees et choisies.

Legal Status (Type, Date, Text)

Publication 20020627 A1 With international search report.

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/163

Fulltext Availability:

Detailed Description

Detailed Description

... default, WOLF adapters provide a Java Application Programming Interface (API) which makes use of a Remote Procedure Call (RPQ paradigm which uses XML as a communications technology. This is accomplished through the use of stubs and skeletons (terms...

7/5,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00912767 \*\*Image available\*\*

EXTENSIBLE INFORMATION SYSTEM (XIS)

SYSTEME D'INFORMATION EXTENSIBLE (XIS)

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200246916 A2 20020613 (WO 0246916)  
Application: WO 2001US48418 20011022 (PCT/WO US0148418)  
Priority Application: US 2000242041 20001020

Parent Application/Grant:

Related by Continuation to: US 2001242041 20011020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 32980

English Abstract

A framework enables data source components to be developed independently of data consumer components. A mediation layer, typically implemented as a group of APIs (application programming interface), handles and defines the mediation and interface between the source and data components. The framework, called XIS (extensible information system), is especially suited for development of information-handling systems and applications. Data source components and data consumer components are typically designed to communicate with each other via several interfaces. Domain, relationship, attribute/metadata, and change event interfaces are defined within the mediation layer. Other interfaces may also be defined. Data source components that are written for non-XIS aware environments or frameworks may still be used with XIS by "wrapping" such source components with code to conform to the interface requirements. Java objects are examples of data source components. Data consumer components thus are able to use or consume various source components regardless of the data types and the data source. Thus, once a data consumer component is developed within the XIS framework, any data source components within the XIS framework may be consumed by a data consumer component.

French Abstract

L'invention concerne un cadre d'applications permettant de developper des composants source de donnees independamment des composants consommateur de donnees. Une couche de mediation, globalement mise en oeuvre sous forme de groupe d'API (interface de programme d'application), gere et definit la mediation et l'interface entre les composants de source et de donnees. Le cadre d'applications, designe sous le nom generique de XIS (systeme d'information extensible), est particulierement adapte au developpement de systemes de gestion d'informations et d'applications. Les composants source de donnees et consommateur de donnees sont globalement concus pour communiquer les uns avec les autres par l'intermediaire de plusieurs interfaces. Des interfaces d'evenement de domaine, de relation, d'attribut/metadonnees, et de changement sont definies dans ladite couche de mediation. D'autres interfaces peuvent egalement etre definies. Les composants source de donnees concus pour des



environnements ou des cadres d'applications non compatibles avec XIS peuvent neanmoins etre utilises avec XIS selon une technique consistant a <= envelopper >= (wrapping) ces composants source avec un code pour qu'ils soient conformes aux exigences d'interface. Les objets Java sont des exemples de composants source de donnees. Les composants consommateur de donnees peuvent ainsi utiliser ou consommer plusieurs composants source independamment des types de donnees et des sources de donnees. Par consequent, une fois qu'un composant consommateur de donnees est developpe dans le cadre d'applications XIS, tous les composants source de donnees dans le cadre d'applications XIS peuvent etre consommes par un composant consommateur de donnees.

Legal Status (Type, Date, Text)

Publication 20020613 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-009/00

Fulltext Availability:

Detailed Description

Detailed Description

... applications written in different programming languages and running on incompatible operating systems. All data and remote procedure calls are made through XML. Those skilled in the art will be understand that SOA-P is an XMLbased protocol...

7/5,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00905187 \*\*Image available\*\*

**AUTOMATED PROVISIONING FRAMEWORK FOR INTERNET SITE SERVERS**

**STRUCTURE DE PROVISIONNEMENT AUTOMATISE POUR SERVEURS DE SITE INTERNET**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200239257 A2 20020516 (WO 0239257)

Application: WO 2001US42871 20011031 (PCT/WO US0142871)

Priority Application: US 2000699329 20001031; US 2000699350 20001031; US 2000699354 20001031

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11087

English Abstract

A framework for automatically provisioning computing devices includes a central database system and a central file system. Information stored in the database comprises a model of the individual devices, as well as the interconnections of the devices. The central file system stores the software components to be installed on the devices. When provisioning is

carried out, the database sends commands to agents located on each device which cause them to retrieve and install the software components from the file system, and to configure the components according to the stored model.

#### French Abstract

L'invention concerne une structure destinee au provisionnement automatique de dispositifs informatiques, qui comprend un systeme de base de donnees central et un systeme de fichiers central. Les informations stockees dans la base de donnees comprennent un modele des dispositifs individuels, ainsi que les interconnexions des dispositifs. Le systeme de fichiers central stocke les composants logiciels a installer dans les dispositifs. Lors d'un provisionnement, la base de donnees envoie des commandes a des agents situes dans chaque dispositif pour qu'ils retirent ou installent les composants logiciels a partir du systeme de fichiers, et pour qu'ils configurent les composants conformement au modele stocke.

Legal Status (Type, Date, Text)

Publication 20020516 A2 Without international search report and to be republished upon receipt of that report.

Main International Patent Class: G06F-009/00

Fulltext Availability:

Detailed Description

Claims

#### Detailed Description

... that are exchanged between the gateway and the agents can be in the form of **remote procedure calls** that conform to the **XML - RPC** protocol, or the Simple Object Access Protocol (SOAP). When a message is received at the...

...can then be provided to the agents using a higher level messaging protocol, such as **XML - RPC** or SOAP. An advantage of using such a protocol is that it enables commands to...

#### Claim

... includes  
remote procedure calls.

5 The method of claim 4, wherein said second protocol comprises  
**XML - RPC** .

6 The method of claim 1, further including the step of recognizing a change in...

7/5,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00890258

**A METHOD AND SYSTEM FOR FACILITATING BUYING AND SELLING TRANSACTIONS  
PROCEDE ET SYSTEME PERMETTANT DE FACILITER DES OPERATIONS DE VENTE ET  
D'ACHAT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200223449 A2 20020321 (WO 0223449)

Application: WO 2001US29016 20010914 (PCT/WO US0129016)

Priority Application: US 2000662564 20000915; US 2001765727 20010116; US  
2001772530 20010129

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16899

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020321 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... automation may utilize an HTTP-Based Transaction that uses Simple Open  
Access Protocol (SOAP) or XML -type RPC . (See  
FIG. 1 1)  
SOAP is a lightweight protocol suitable for exchange of information in...

7/5,K/6 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00889287 \*\*Image available\*\*

APPARATUS, SYSTEM AND METHOD FOR FORMING RESULTING TRANSACTION PROFILES  
DISPOSITIF, SYSTEME ET PROCEDE POUR LA CONSTITUTION DE PROFILS DE  
TRANSACTION RESULTANTS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200223451 A1 20020321 (WO 0223451)

Application: WO 2001US29023 20010918 (PCT/WO US0129023)

Priority Application: US 2000664458 20000918

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims  
Fulltext Word Count: 21022

English Abstract

A transaction server (112) receives a plurality of transaction profiles (802, 804) from a plurality of market parties (102) through a communication network (106), where each of the transaction profiles can include any number of limitations (518) to a suggested transaction or transactions acceptable to the market party submitting the transaction profile. The transaction server calculates at least one resultant limitation by applying a combination rule to a set of associated limitations pertaining to a particular transaction attribute or attributes (212, 214). One or more resultant transaction profiles (1206) are formed that includes at least one resulting transaction limitation calculated for a set of associated limitations. The transaction server (112), therefore can receive any number of transaction profiles that represent one or more transactions acceptable to the market parties represented by the particular resulting transaction profile.

French Abstract

L'invention concerne un serveur de transactions (112) qui recoit une pluralite de profils de transaction (802, 804) d'une pluralite de parties de marche (102) par l'intermediaire d'un reseau de communication (106), chaque profil de transaction pouvant comporter un nombre quelconque de limitations (518) relatives a une transaction ou a des transactions suggerees acceptables par la partie de marche soumettant le profil de transaction. Le serveur de transactions calcule au moins une limitation resultante en appliquant une regle de combinaison a un jeu de limitations associees relatives a un ou a des attributs de transaction particuliers (212, 214). Un ou plusieurs profils de transaction resultants (1206) sont constitues ; ils comprennent au moins une limitation de transaction resultante calculee pour un jeu de limitations associees. Le serveur de transactions (112) peut ainsi recevoir un nombre quelconque de profils de transaction et identifier un nombre quelconque de profils de transaction qui representent une ou plusieurs transactions acceptables par les parties de marche representees par le profil de transaction resultant particulier.

Legal Status (Type, Date, Text)

Publication 20020321 A1 With international search report.

Publication 20020321 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... with market party 102 may be software based (e.g. using data formats such as XML and technology such as RPC or messaging) and not involve a display.

In the exemplary embodiment, a transaction profile template...

7/5,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00883048 \*\*Image available\*\*

APPARATUS, SYSTEM AND METHOD FOR MANAGING TRANSACTIONS BETWEEN MARKET  
PARTIES FROM MULTIPLE MARKET PARTY CLASSES

DISPOSITIF, SYSTEME ET PROCEDE DE GESTION DE TRANSACTIONS ENTRE DES PARTIES  
A UN MARCHÉ PROVENANT DE MULTIPLES CLASSES DE PARTIES A UN MARCHÉ

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200217194 A1 20020228 (WO 0217194)

Application: WO 2001US26158 20010822 (PCT/WO US0126158)

Priority Application: US 2000643361 20000822

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20528

English Abstract

A transaction server (112) receives transaction profiles from market parties (102) corresponding to at least three different classes of market parties. Transaction profiles having overlapping limitations are identified to form a group of at least three market parties where each market party (102) belongs to a different market party class. Multiple groups may be identified and transmitted to each market party (102) belonging to a group. Examples of market party classes include buyers, sellers and transaction enablers 406 such as shippers and insurers.

French Abstract

L'invention concerne un serveur (112) de transactions qui recoit des profils provenant de parties (102) a un marche correspondant a au moins trois classes differentes de parties a un marche. Les profils de transaction, qui comportent des limitations chevauchantes, sont identifies en vue de former un groupe d'au moins trois parties a un marche, chaque partie (102) a un marche appartenant a une classe differente de partie a un marche. De multiples groupes peuvent etre identifies et transmis a chaque partie (102) a un marche appartenant a un groupe. Les classes de parties a un marche comprennent par exemple des acheteurs, des vendeurs et des agents (406) facilitant les transactions tels que des transporteurs et des assureurs.

Legal Status (Type, Date, Text)

Publication 20020228 A1 With international search report.

Examination 20020627 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the communication with 102 may be software based (e.g. using data formats such as XML and technology such as RPC or messaging) and not involve a display.

In the exemplary embodiment, a transaction profile template...

7/5,K/8 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00876747    \*\*Image available\*\*

APPARATUS, SYSTEM AND METHOD FOR PROVIDING A TRANSACTION MANAGEMENT MARKUP  
LANGUAGE

APPAREIL, SYSTEME ET METHODE D'OBTENTION D'UN LANGAGE DE BALISAGE POUR  
GESTION DE TRANSACTION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200210882 A2-A3 20020207 (WO 0210882)

Application: WO 2001US23873 20010731 (PCT/WO US0123873)

Priority Application: US 2000628539 20000731

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17858

English Abstract

A transaction server receives a plurality of transaction profiles from a plurality of market parties. The transaction profiles include limitations defining a suggested transaction and indicating the level of intended commitment by the submitting market party. The transaction server identifies transaction profiles having overlapping limitations. In an exemplary embodiment, market parties having different levels of intended commitment are identified and the market parties are notified of other transaction profiles having similar interests allowing market parties with different levels of commitment to observe the electronic market and allowing a smooth transition from a search through to commitment. The transaction requests may include transaction value ranges corresponding to a transaction term, where the transaction value ranges define a range of values acceptable to the market party submitting the request.

French Abstract

Un serveur de transaction recoit une pluralite de parties d'un marche. Les profils de transaction comprennent des limitations definissant une transaction suggeree et indiquant le niveau d'engagement prevu par la partie soumettant le marche. Le serveur de transaction identifie des profils de transaction ayant des limitations qui interferent. Selon une forme d'execution donnee a titre d'exemple, les parties du marche ayant differents niveaux d'engagement prevu sont identifiees, et les parties du marche sont notifiees par d'autres profils de transaction ayant des interets similaires permettant aux parties du marche ayant differents niveaux d'engagement d'observer le marche electronique, et permettant une transition continue d'une recherche aboutissant a un engagement. Les demandes de transaction peuvent comprendre des gammes de valeurs de transaction correspondant a une periode de transaction ou les gammes de valeurs de transaction definissent une gamme de valeurs acceptables pour la partie du marche presentant la demande.

Legal Status (Type, Date, Text)

Publication 20020207 A2 Without international search report and to be  
republished upon receipt of that report.

Search Rpt 20020620 Late publication of international search report  
Republication 20020620 A3 With international search report.

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... the communication with 102 may be software based (e.g. using data formats such as XML and technology such as RPC or messaging) and not involve a display.

In the exemplary embodiment, a transaction profile template...

7/5,K/9 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00871077 \*\*Image available\*\*

#### QUERY STRING PROCESSING

#### TRAITEMENT DE CHAINE D'INTERROGATION

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Legal Representative:

MAGEN Burt (agent), Vierra Magen Marcus Harmon & DeNiro LLP, Suite 540, 685 Market Street, San Francisco, CA 94105-4206, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205185 A1 20020117 (WO 0205185)

Application: WO 2001US21593 20010709 (PCT/WO US0121593)

Priority Application: US 2000216955 20000710; US 2001793355 20010226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 32184

#### English Abstract

A system is disclosed that is used to provide access management for resources on a network. The system makes use of query data from a URL (or another identification or request) to identify the appropriate access rule. Examples of an access rule include an authentication rule, an authorization rule, or an audit rule. The system can be configured to require the query data to match order dependent variables or order independent variables. In one option, the system can include two levels of rules and the query data can be used to identify first level rules, second level rules or both.

#### French Abstract

L'invention concerne un systeme permettant d'operer une gestion d'accès a des ressources sur un reseau. Ce systeme utilise des donnees d'interrogation issues d'une adresse URL (ou d'une autre identification ou requete) pour identifier la regle d'accès appropriée. Parmi les regles d'accès figurent une regle d'authentification, une regle d'autorisation et une regle de verification. Ce systeme peut être conçu pour contraindre les donnees d'interrogation a mettre en correspondance des variables

dependantes de l'ordre ou des variables independantes de l'ordre. Dans un mode de realisation, ledit systeme peut comprendre deux niveaux de regles, les donnees d'interrogation pouvant etre utilisees pour identifier les regles de premier niveau et/ou les regles de second niveau.

Legal Status (Type, Date, Text)

Publication 20020117 A1 With international search report.

Publication 20020117 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... 0 format and provide output in XML format. Additionally, the system will make use of XML remote procedure calls (RPC).

In an alternative implementation, the system, could attempt to validate data on input. If a...

7/5,K/10 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00871041 \*\*Image available\*\*

POST DATA PROCESSING

TRAITEMENT DES DONNEES POST

Patent Applicant/Assignee:

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MAGEN Burt (agent), Vierra Magen Marcus Harmon & DeNiro LLP, Suite 540, 685 Market Street, San Francisco, CA 94105-4206, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205139 A1 20020117 (WO 0205139)

Application: WO 2001US21592 20010709 (PCT/WO US0121592)

Priority Application: US 2000216955 20000710; US 2001793196 20010226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30836

English Abstract

The present invention matches sets of authentication, authorization, and auditing rules to resources in an Access System based on the contents of POST data received in HTTP POST requests. The system of the present invention receives a POST request and matches a set of rules to a resource using POST data referenced by the HTTP request. In one embodiment, the matching is performed by accessing required matching data. A portion of the POST data is selected and compared with the required data (981). If all of the required data is matched to the POST



data, then the resource is successfully matched (989). The present invention further authorizes a user to access resources in an Access System based on the contents of POST data. An authorization rule is retrieved and authorization is performed using the POST data. If the authorization is successful, the system grants the user access to the resource.

#### French Abstract

La presente invention fait concorder des ensembles de regles d'authentification, d'autorisation et de verification applicables a des ressources dans un systeme d'accès sur la base du contenu des données POST recues dans les requetes POST du HTTP. Le systeme de la presente invention recoit une requete POST et fait concorder un ensemble de regles avec une ressource au moyen de données POST designees par la requete HTTP. Selon un mode de realisation, la concordance se fait par un accès aux données de concordance requises. Une partie des données POST est selectionnee et comparee aux données requises (981). Si la totalite des données requises concorde avec les données POST, c'est que la ressource concorde de facon effective (989). De plus, la presente invention autorise un utilisateur a accéder a des ressources dans un systeme d'accès sur la base du contenu des données POST. Il y a alors recuperation d'une regle d'autorisation et mise en place de l'autorisation au moyen des données POST. Si l'autorisation est positive, le systeme accorde a l'utilisateur l'accès a la ressource.

Legal Status (Type, Date, Text)

Publication 20020117 A1 With international search report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

#### Detailed Description

... XMI,  
format and provide output in XML format. Additionally, the system, will make use of XML remote procedure calls (RPC).

In an alternative implementation, the system could attempt to validate data on input. If a...

7/5,K/11 (Item 11 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00871013 \*\*Image available\*\*

PROVIDING DATA TO APPLICATIONS FROM AN ACCESS SYSTEM

FOURNITURE DE DONNEES A DES APPLICATIONS DEPUIS UN SYSTEME D'ACCES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200205103 A1 20020117 (WO 0205103)

Application: WO 2001US21677 20010709 (PCT/WO US0121677)

Priority Application: US 2000216955 20000710; US 2001792934 20010226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/00

International Patent Class: G06F-015/16 ; G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 30665

#### English Abstract

Access system is disclosed that can provide to a downstream application data. In one embodiment, the data is provided as header variables associated with an HTTP request by adding, responsive to the access system's detection of an authorization/authentication success/failure event, header variable to information associated with an HTTP request for access to the downstream application (1786, 1804); and providing the header variable to the software application from the information associated with the HTTP request (1830, 1832, 1834, 1836, 1838, 1840, 1842, 1844, 1846). In another embodiment, the data can be transmitted by using other protocols and other means. In one embodiment, the data provided to the downstream applications include information about the user accessing the application. In another embodiment, the data provided to the downstream applications include information from an identity profile stored in an LDAP directory structure.

#### French Abstract

Cette invention se rapporte a un systeme d'accès qui peut fournir des données a une application en aval. Dans un mode de réalisation, on fournit les données sous la forme de variables d'en-tête associées a une demande HTTP, en ajoutant, a la suite de la détection par le système d'accès d'un événement d'aboutissement/échec d'autorisation/d'authentification, la variable d'en-tête aux informations associées a une demande HTTP pour l'accès a l'application en aval (1786, 1804), et en fournissant la variable d'en-tête a l'application logicielle depuis les informations associées a la demande HTTP (1830, 1832, 1834, 1836, 1838, 1840, 1842, 1844, 1846). Dans d'autres modes de réalisation, on peut transmettre les données en utilisant d'autres protocoles et d'autres moyens. Dans un mode de réalisation, les données fournies a l'application en aval contiennent des informations sur l'utilisateur accédant a l'application. Dans un autre mode de réalisation, les données fournies a l'application en aval contiennent des informations provenant d'un profil d'identité stockées dans une structure de répertoire LDAP.

Legal Status (Type, Date, Text)

Publication 20020117 A1 With international search report.

Publication 20020117 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-015/00

International Patent Class: G06F-015/16 ...

... G06F-017/30

Fulltext Availability:

Detailed Description

#### Detailed Description

... XML

fonnat and provide output in XML format. Additionally, the system will make use of XML remote procedure calls (RPC). In an alternative implementation, the system could attempt to validate data on input. If a...

7/5,K/12 (Item 12 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00871002    \*\*Image available\*\*

**LOCALIZED ACCESS**

**ACCES LOCALISE**

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Legal Representative:

MAGEN Burt (agent), Vierra Magen Marcus Harmon & DeNiro LLP, Suite 540,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200205092 A2-A3 20020117 (WO 0205092)

Application: WO 2001US21566 20010709 (PCT/WO US0121566)

Priority Application: US 2000216955 20000710; US 2001793354 20010226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-011/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 32090

English Abstract

An identity manager (36) for grouping (104) sets of identity profiles  
(102) to access a locale.

French Abstract

Systeme de gestion d'identite gerant des profils d'identite memorisant  
des informations concernant differentes entites. Une caracteristique  
d'accès localise d'un systeme de gestion d'identite permet de regrouper  
un ensemble de profils d'identite, de maniere a definir une unite  
localisee. Des utilisateurs exterieurs a cette unite localisee peuvent  
etre empaches d'accéder a des profils d'identite a l'interieur de cette  
unite. Dans un autre mode de realisation, des utilisateurs exterieurs a  
cette unite localisee peuvent etre empaches d'accéder a certains  
attributs de profil d'identite a l'interieur de l'unite localisee.

Legal Status (Type, Date, Text)

Publication 20020117 A2 Without international search report and to be  
republished upon receipt of that report.

Search Rpt 20020404 Late publication of international search report

Republication 20020404 A3 With international search report.

Main International Patent Class: G06F-011/00

Fulltext Availability:

Detailed Description

Detailed Description

... XMI,  
fonnat and provide output in XMI, format. Additionally, the system will  
make use of XML remote procedure calls (RPC).

In an alternative implementation, the system could attempt to validate  
data on input. If a...

DIALOG(R)File 349:PCT FULLTEXT  
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00853837

**WIRELESS ELECTRONIC PRESCRIPTION SCANNING AND MANAGEMENT SYSTEM  
SYSTEME DE GESTION ET DE LECTURE D'ORDONNANCES ELECTRONIQUE SANS FIL**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200186574 A2 20011115 (WO 0186574)  
Application: WO 2001US13981 20010501 (PCT/WO US0113981)  
Priority Application: US 2000562386 20000501

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-019/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 24311

**English Abstract**

Methods and systems for rapidly and conveniently creating prescriptions through the use of portable digital assistants (PDAs) and bar code scanning technology are provided. Prescriptions are created using a form-based approach in which prescribing options are presented to prescriber for selection. The system allows entry of medication and patient ID by scanning bar codes. A bar code is generated for each prescription and is used to access the prescription information in a database. The bar code and prescription information can be printed on a ticket, which can be presented at a pharmacy when the prescription is picked up. The use of bar codes allows several levels of checking to ensure that the correct medication is dispensed and that the prescription is valid. Prescription information is transmitted between prescribers and pharmacies via a central site at which prescription information is stored.

**French Abstract**

L'invention concerne des procedes et des systemes permettant de creer rapidement et facilement des ordonnances a l'aide d'assistants numeriques portables (ANP) et d'une technologie de code barres. Les ordonnances sont creees au moyen d'une methode basee sur la forme, dans laquelle les options de prescription sont presentees a un prescripteur pour la selection. Ce systeme permet d'introduire la medication et l'identification du patient en lisant des codes barres. Un code barres est genere pour chaque ordonnance et est utilise pour acceder aux informations de prescription dans une base de donnees. Le code barre et les informations de prescription peuvent etre imprimes sur un billet, lequel peut etre presente a une pharmacie lorsque l'ordonnance est retiree. L'utilisation de codes barres permet differents niveaux de verification afin d'assurer que la medication correcte soit distribuee et que l'ordonnance soit valide. Les informations de prescription sont transmises entre les prescripteurs et les pharmacies via une site central

dans lequel les informations de prescription sont stockees.

Legal Status (Type, Date, Text)

Publication 20011115 A2 Without international search report and to be  
republished upon receipt of that report.

Examination 20020510 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-019/00

Fulltext Availability:

Detailed Description

Detailed Description

... disparate operating systems, running in different environments to make  
procedure calls over the Internet. Thus XML-RPI allows remote  
procedure calling using HTTP as the transport and XML as the  
encoding. Although designed to be as simple as possible, XML-RPI allows  
complex...

7/5,K/14 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00839968 \*\*Image available\*\*

METHOD AND APPARATUS FOR USING AN EXPERT SYSTEM TO EXECUTE BUSINESS  
TRANSACTION DOCUMENTS TO FACILITATE ELECTRONIC COMMERCE

PROCEDE ET APPAREIL QUI, POUR FACILITER LE COMMERCE ELECTRONIQUE, UTILISENT  
UN SYSTEME EXPERT POUR L'EXECUTION DE DOCUMENTS DE TRANSACTION  
COMMERCIALE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200173650 A1 20011004 (WO 0173650)

Application: WO 2001US8717 20010319 (PCT/WO US0108717)

Priority Application: US 2000534180 20000324

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7468

English Abstract

A method and system is described for electronic commerce system-enabling  
corporations to transact business over the Internet or Value Added  
Networks. The expert system allows businesses to transact business  
without regard for disparate internal systems and disparate supplier and  
logistical systems. An expert system, method and apparatus which consists  
of an input manager (200) to normalize incoming documents and an  
inference engine (400) that contains a dynamic decision template manager  
(410) that allocated templates to documents based on the prevailing  
environment. The inference engine executes the template based on a

dynamic node engine (420) and the node execution manager (440). They execute the decision template (430) based on traversing the decision template and executing a conditional branch or passing the execution to the task manager. The task manager identifies the appropriate data source to manipulate and passes the result back to the node execution manager.

#### French Abstract

L'invention concerne un procede et un systeme destines a un systeme de commerce electronique permettant aux societes d'effectuer des transactions commerciales via l'Internet ou des reseaux a valeur ajoutee. Le systeme expert permet aux entreprises d'effectuer des transactions commerciales independamment des disparites qui peuvent exister entre systemes internes et entre les systemes logistiques et ceux du fournisseur. L'invention concerne donc un systeme expert, un procede et un appareil faisant intervenir un gestionnaire (200) d'entrees servant a normaliser les documents entrants, et un moteur (400) d'inference comprenant un gestionnaire (410) dynamique de modeles decisionnels servant a affecter des modeles aux documents en fonction de l'environnement. Le moteur d'inference execute le modele au moyen d'un moteur (420) dynamique de noeuds et du gestionnaire (440) d'execution de noeuds, qui, pour executer le modele decisionnel (430) font defiler le modele decisionnel, executent un branchement conditionnel ou transferent l'execution au gestionnaire de taches. Le gestionnaire de taches identifie la source de donnees a manipuler appropriee et renvoie le resultat au gestionnaire d'execution de noeuds.

#### Legal Status (Type, Date, Text)

Publication 20011004 A1 With international search report.

Publication 20011004 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20011220 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

#### Detailed Description

... 450 Task Engine  
460 Task Instructions  
470 External Datasource Connectors  
480 Internal Database Connectors  
490 XML Connector  
491 ABAP Connector  
492 RPC , JDBC, ODBC, CORBA, COM, DCOM Connectors  
600 Output Manager  
610 Update Profile Branch  
620 Normalized...

7/5,K/15 (Item 15 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00826396 \*\*Image available\*\*

HAVi-VHN BRIDGE SOLUTION

SOLUTION POUR LA FORMATION D'UN PONT HAVi-VHN

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(Residence), - US (Nationality)

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Legal Representative:

KULAS Charles J (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111-3834, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200159959 A1 20010816 (WO 0159959)

Application: WO 2001US4173 20010209 (PCT/WO US0104173)

Priority Application: US 2000181406 20000209  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: H04B-010/00  
International Patent Class: H04N-007/00; G06F-013/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 8633

#### English Abstract

Interoperability is facilitated between two networks. One method according to the present invention comprises: providing a VHN network having a VHN element (502); providing an HAVi network having an HAVi element (504); translating messages via a protocol translator coupled with the VHN network and the HAVi network (506); wherein interoperability is facilitated between the HAVi element and the VHN element.

#### French Abstract

L'interoperabilite est creee entre deux reseaux. Un procede selon l'invention consiste a : utiliser un reseau VHN (reseau domestique conforme a la norme VESA) comprenant un element VHN (502); utiliser un reseau HAVi (architecture d'interoperabilite audio/video domestique) comportant un element HAVi (504); traduire les messages via un convertisseur de protocole couple au reseau VHN et au reseau HAVi (506); l'interoperabilite etant ainsi assuree entre l'element HAVi et l'element VHN.

Legal Status (Type, Date, Text)

Publication 20010816 A1 With international search report.

...International Patent Class: G06F-013/00

Fulltext Availability:  
Detailed Description

#### Detailed Description

... module. The controller module can now talk to the VCR and send commands through an XML-based remote procedure call (RPC).

In accordance with embodiments of the present invention, Fig. 5 illustrates a network 500 comprising...the VHN network 502. The HAVi-VHN DCM will communicate to the VHN network over XML and RPC. When the configuration process is successful, the VHN BCM will send the SEID of thevia the HAVi-VHN DCM) the HAVi message into a XML RPC response using the assigned IP address of the VHN application.

Likewise, referring to Fig. 10...

7/5,K/16 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00822603 \*\*Image available\*\*  
METHOD AND APPARATUS FOR ENCODER-BASED DISTRIBUTION OF LIVE VIDEO AND OTHER  
STREAMING CONTENT  
PROCEDE ET APPAREIL DE DISTRIBUTION BASEE SUR UN CODEUR, DE VIDEO EN DIRECT  
ET D'AUTRE CONTENU DYNAMIQUE  
Patent Applicant/Assignee:  
iBEAM BROADCASTING CORPORATION, 645 Almanor Avenue, Suite 100, Sunnyvale,  
CA 94086, US, US (Residence), US (Nationality)

Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200156266 A2-A3 20010802 (WO 0156266)

Application: WO 2001US2855 20010129 (PCT/WO US0102855)

Priority Application: US 2000178749 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7755

English Abstract

An encoding scheme converts the output of an encoder to broadcast IP stream that is translated by remote receivers (14, 16, 18) or clients (20) to the original encoder output protocol. A protocol translation allows the encoder to be distributed to provide for larger scaling of encoders and servers (14, 16, 18), and better quality of service (QOS) and control over the distribution of streaming media. A server can also be provided with a built-in encoding scheme that provides a broadcast IP stream.

French Abstract

Un programme de codage convertit la sortie d'un codeur pour diffuser un flux IP qui est traduit par des recepteurs eloignes (14, 16, 18) ou des clients (22) dans le protocole de sortie du codeur de depart. Une traduction dans le protocole permet au codeur devant etre distribue d'assurer une mise a l'echelle des codeurs et des serveurs (14, 16, 18) plus etendue et une meilleure qualite de service (QDS) et de commande au niveau de la distribution des supports dynamiques. Un serveur peut egalement etre equipe d'un programme de codage incorpore qui assure un flux IP dynamique.

Legal Status (Type, Date, Text)

Publication 20010802 A2 Without international search report and to be republished upon receipt of that report.

Examination 20011213 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20020103 Late publication of international search report

Republication 20020103 A3 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... transport manager 170 generates a transport command in response to the request (e.g., an XML-based remote procedure call (XBM)) to the transport sender 138 corresponding to that customer which provides the assigned multicast...



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00822280      \*\*Image available\*\*

**METHOD OF UTILIZING A SINGLE UNIFORM RESOURCE LOCATOR FOR RESOURCES WITH MULTIPLE FORMATS**

**PROCEDE D'UTILISATION DE LOCALISATEUR DE RESSOURCES UNIFORMES UNIQUE POUR DES RESSOURCES DE FORMATS MULTIPLES**

Patent Applicant/Assignee:

IBEAM BROADCASTING CORPORATION, 645 Almanor Avenue, Suite 100, Sunnyvale,  
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Inventor(s):

LAHR Nils, Antioch Heights, CA, US,

Legal Representative:

LONGANECKER Stacey (et al) (agent), Roylance, Abrams, Berdo & Goodman,  
1300 19th Street, N.W., Suite 600, Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155913 A1 20010802 (WO 0155913)

Application: WO 2001US2856 20010129 (PCT/WO US0102856)

Priority Application: US 2000178751 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UG VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6520

**English Abstract**

A broadcast system for streaming media is provided. A tiered hierarchy of network components each receive broadcast media streams, store popular content, and serve media to clients (20). The system allows for content hosting for resources having multiple formats and employs a single URL for a resource having multiple formats. A testing component uses information regarding the client and service provider provided in the metafile corresponding to a resource request (23) to determine the type of client and to redirect the client to a server (25) that can service the request.

**French Abstract**

La presente invention concerne un systeme de diffusion d'informations multimedia en continu. Une hierarchie de paliers de composants de reseau recoit des flux multimedia de diffusion au niveau de chacun de ces composants, stocke les contenus populaires et sert ces informations multimedia a des clients (20). Ce systeme permet a ces contenus d'heberger des ressources a formats multiples et il n'utilise qu'un seul URL pour une ressource a formats multiples. Un composant test utilise des informations relatives au client et au fournisseur de service fournies dans le metafichier correspondant a une demande (23) de ressource de facon a determiner le type du client et a reorienter ce client vers un serveur (25) qui peut honorer cette demande.

Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

Examination 20011206 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

## Detailed Description

... essentially any media format. The transport components preferably employ RTP as a packet format and XML-based remote procedure calls (XBM) to communicate between transport components.

The transport manager will now be described with reference...

...transport manager 170 generates a transport command in response to the request (e.g., an XML-based remote procedure call (XBM)) to the transport sender 138

7/5,K/18 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00822254 \*\*Image available\*\*

A SYSTEM AND METHOD FOR DETERMINING OPTIMAL SERVER IN A DISTRIBUTED NETWORK FOR SERVING CONTENT STREAMS

SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LE SERVEUR OPTIMAL DANS UN RESEAU REPARTI POUR SERVIR DES FLUX DE CONTENU

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200155879 A1 20010802 (WO 0155879)

Application: WO 2001US2852 20010129 (PCT/WO US0102852)

Priority Application: US 2000178748 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11343

## English Abstract

A network and method for efficiently and effectively acquiring broadcast content, such as multimedia data, from content providers (24) and delivering the acquired content to end users via a tiered network (12) to minimize congestion during content delivery to thus provide high quality of service. The network and method employ a tiered Internet-based network that is served by a hybrid satellite/optical fiber data distribution network. The network includes a data center (18) to which data, such as streaming video, audio or multimedia data, is provided over a content acquisition network by content providers. The data center uplinks the data to at least one satellite, such as a geosynchronous earth orbit (GEO) satellite, and over an Internet or asynchronous transfer mode (ATM) network (30), which distributes the data to the servers in the tiered network (12). The tiered network in this example comprises three tiers, although any number of tiers is acceptable. The three tiers are referred to respectively as master data centers (master data center tier) (18),

regional data centers (regional data center tier) (16), and media serving centers (media serving center tier) (14) that are interconnected by a private asynchronous transfer mode (ATM) network. A data director in the data center in cooperation with the ATM network determines which tier of servers can best fulfill a data request by an end user while minimizing the amount of hops required to provide such data.

#### French Abstract

La presente invention concerne un reseau et un procede permettant d'acquieser efficacement et avec efficacence un contenu diffuse, tel que des donnees multimedia, en provenance de fournisseurs (24) de contenu et de delivrer le contenu obtenu a des utilisateurs finals via un reseau (12) par paliers de facon a minimiser la congestion du reseau pendant la delivrance de ce contenu et offrir ainsi un service de haute qualite. Ce reseau et ce procede utilise un reseau Internet par paliers qui est servi par un reseau hybride de distribution de donnees par fibre et par satellite. Ce reseau comprend un centre de donnees (18) auquel les donnees, telles que des donnees video en continu, des donnees audio ou multimedia, sont fournies via un reseau d'acquisition de contenu par des fournisseurs de contenus. Ce centre de donnees envoie des donnees de liaison montante a au moins un satellite, tel qu'un satellite en orbite terrestre geosynchronisee, et via un reseau Internet ou via un reseau a mode de transfert asynchrone (ATM) (30), qui distribue ces donnees aux serveurs du reseau (12) par paliers. Le reseau par palier de cet exemple comprend trois paliers, bien que n'importe quel nombre de paliers convienne. Ces trois paliers sont qualifiees respectivement de centres de donnees maitre (palier de centres de donnees maitre) (18), de centres de donnees regionaux (palier de centres de donnees regionaux) (16), et de centres de service multimedia (palier de centres de service multimedia) (14), et ces paliers sont interconnectes par un reseau (ATM) a mode de transfert asynchrone prive. Un directeur de donnees du centre de donnees en cooperation avec le reseau ATM determine quel palier de serveurs est le plus a meme d'honorer une demande de donnees emanant d'un utilisateur final tout en minimisant la quantite de sauts requise pour fournir ces donnees.

Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Correction 20020110 Corrected version of Pamphlet front pages: revised abstract received by the International Bureau after completion of the technical preparations for international publication

Republication 20020110 A1 With international search report.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

#### Detailed Description

... essentially any media format. The transport components preferably employ RTP as a packet format and XML-based remote procedure calls (XBM) to communicate between transport components.

The transport manager will now be described with reference...manager 1 70 generates a transport command in response to the request (e.o., an XML-based remote procedure call (XBM)) to the transport serider I3 )8 of the acquisition module 106 (see Fig. 6...

7/5,K/19 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00822241 \*\*Image available\*\*

A SYSTEM AND METHOD FOR PERFORMING BROADCAST-ENABLED DISK DRIVE REPLICATION IN A DISTRIBUTED DATA DELIVERY NETWORK

SYSTEME ET PROCEDE PERMETTANT LA DUPLICATION D'UNE UNITE DE DISQUE ACTIVEE PAR LA DIFFUSION DANS UN RESEAU REPARTI DE DISTRIBUTION DE DONNEES

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Legal Representative:

BUCZYNSKI Joseph (et al) (agent), Roylance, Abrams, Berdo & Goodman,  
Suite 600, 1300 19th Street, N.W., Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155863 A1 20010802 (WO 0155863)

Application: WO 2001US2881 20010129 (PCT/WO US0102881)

Priority Application: US 2000178748 20000128; US 2000185364 20000228

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00

International Patent Class: G06F-013/14 ; H04N-007/14

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10030

English Abstract

A system and method for writing to a disk in real-time at a bitrate which allows streaming of the same payloads over a network connection that supports the same or substantially the same bitrate. The system and method are capable of performing the mirroring or data replication for applications that write to a disk at different or slower rates than other applications in the network. The system and method can employ digital encoders (28) that are advantageous in that they are operable to write to a disk (30) at a specific and substantially constant rate that produce predictable and consistent results. A disk driver employed in the system and method enables an application to read and write to a disk (130) as if it were a normal disk drive. As the application reads and writes content to the disk drive, the network transparently broadcasts the content via TCP/IP to remote listening devices (14).

French Abstract

L'invention concerne un systeme et un procede permettant l'ecriture en temps reel sur un disque, avec un debit binaire permettant la transmission en continu de charge utile identiques a travers une connexion de reseau qui prend en charge des debits binaires identiques ou sensiblement identiques. Ce systeme et ce procede permettent l'ecriture miroir ou la duplication de donnees pour des applications qui ecrivent sur un disque avec des debits differents ou plus lents que les autres applications du reseau. Ce systeme et ce procede peuvent etre mis en oeuvre a l'aide de codeurs (28) numeriques dont l'avantage est de permettre une ecriture sur un disque (30) avec un debit specifique et sensiblement constant, donnant des resultats previsibles et consistants. Ce systeme et ce procede font appel a une unite de disque permettant la lecture ou l'ecriture d'un disque (130) par une application comme s'il s'agissait d'une unite de disque normale. A mesure que l'application lit et ecrit un contenu dans l'unite de disque, le reseau diffuse de maniere transparente le contenu via TCP/IP vers des dispositifs (14) d'ecoute distants.

Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

Examination 20011122 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-013/00  
International Patent Class: G06F-013/14 ...  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... essentially any media format. The transport components preferably employ RTP as a packet format and XML-based remote procedure calls (XBM) to communicate between transport components.

The transport manager will now be described with reference...transport manager 170 generates a transport command in response to the request (e.g., an XML-based remote procedure call (XBM)) to the transport sender 138 of the acquisition module 106 (see Fig. 6) corresponding...

7/5,K/20 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00822240 \*\*Image available\*\*  
METHOD AND SYSTEM FOR REAL-TIME DISTRIBUTED DATA MINING AND ANALYSIS FOR NETWORKS

PROCEDE ET SYSTEME D'EXPLORATION EN PROFONDEUR ET D'ANALYSE DES DONNEES EN TEMPS REEL POUR DES RESEAUX

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

LONGANECKER Stacey (et al) (agent), Roylance, Abrams, Berdo & Goodman, 1300 19th Street, N.W., Suite 600, Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

• Patent: WO 200155862 A1 20010802 (WO 0155862)  
Application: WO 2001US2851 20010129 (PCT/WO US0102851)  
Priority Application: US 2000178753 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-013/00  
International Patent Class: H04J-001/16  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 11902

#### English Abstract

A data mining and analysis method and system (11, fig. 1) can be implemented in an open architecture and use a multiple-tiered design to collect and analyze data relating to network devices (21, fig. 1) in essentially real-time or near real-time. Analyzer modules (29, fig. 1) are implemented in a distributed, multi-layered manner and process log data in a distributed and hierarchical manner to reduce data transfer needed for reporting. Analyzer modules (29, fig. 1) analyze sequences of numbers and strings generated from software that understands analyzer module commands such as a parser module for such applications as collecting real-time voting information, and analyzing and aggregating

real-time number sequence generated by media servers, among other applications.

#### French Abstract

Un procede et un systeme (11, fig. 1) d'exploration en profondeur et d'analyse des donnees peuvent etre mis en oeuvre dans une architecture ouverte et utiliser une structure a plusieurs niveaux pour collecter et analyser des donnees relatives a des dispositifs reseau (21, fig. 1) en temps reel ou pratiquement en temps reel. Des modules analyseurs (29, fig. 1) sont utilises de maniere repartie, avec des couches multiples et traitent des donnees d'enregistrement de maniere distribuee et hierarchique pour reduire le transfert de donnees necessaire a la transmission des donnees. Les modules analyseurs (29, fig. 1) analysent des sequences de nombres et des chaines generees par un logiciel qui comprend les commandes de module analyseur tel qu'un module parseur pour des applications telles que la collecte d'informations de vote en temps reel, et l'analyse et le regroupement de sequences de nombres en temps reel generees par des serveurs de medias, entre autres applications.

Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

Examination 20011206 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-013/00

Fulltext Availability:

Detailed Description

#### Detailed Description

... essentially my media format. The transport components preferably employ RTP as a packet format and XML -based remote procedure calls (XBM) to communicate.

[0036] With reference to Fig. 5, the data flow of the distributed...

7/5,K/21 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00822234 \*\*Image available\*\*

A SYSTEM AND METHOD FOR MIRRORING AND CACHING COMPRESSED DATA IN A CONTENT DISTRIBUTION SYSTEM

SYSTEME ET PROCEDURE D'ECRITURE MIROIR ET DE MISE EN ANTEMEMOIRE DE DONNEES COMPRIEES DANS UN SYSTEME DE DISTRIBUTION DE CONTENU

Patent Applicant/Assignee:

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Inventor(s):

LAHR Nils, Antioch Heights, CA, US,

Legal Representative:

BUCZYNSKI Joseph (et al) (agent), Roylance, Abrams, Berdo & Goodman, Suite 600, 1300 19th Street, N.W., Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155855 A1 20010802 (WO 0155855)

Application: WO 2001US2882 20010129 (PCT/WO US0102882)

Priority Application: US 2000178736 20000128

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-012/00

International Patent Class: G06F-013/00  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 10589

#### English Abstract

A method and system for mirroring and caching compressed content to allow edge devices (14) in a distributed network (10) to receive or generate compressed versions of files to fulfill future requests for the content. The method and system which can encode content prior to or after distribution to remote devices (14), such as edge servers in the network (10), and can mirror and cache the encoded content at the edge devices (14) in the network to improve content delivery to the end user.

#### French Abstract

L'invention concerne un procede et un systeme permettant l'ecriture miroir et la mise en antememoire d'un contenu comprime afin de permettre aux commutateurs (14) d'accès d'un reseau (10) reparti de recevoir ou de generer des versions comprimees de fichiers en vue de repondre a des demandes futures de contenu. L'invention concerne egalement un procede et un systeme permettant de coder un contenu avant ou apres sa distribution vers les unites (14) eloignees, tels que les serveurs d'accès du reseau (10), et permettant l'ecriture miroir et la mise en antememoire de ce contenu code dans les unites (14) d'accès du reseau afin d'ameliorer la transmission du contenu a l'utilisateur final.

#### Legal Status (Type, Date, Text)

Publication 20010802 A1 With international search report.

Examination 20011115 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-012/00

International Patent Class: G06F-013/00

Fulltext Availability:  
Detailed Description

#### Detailed Description

... format. The transport components preferably 2 0 employ RTP as a packet fon-nat and XML-based remote procedure calls (XBM) to communicate between transport components.

The transport manager will now be described with reference...transport manager 170 generates a transport command in response to the request (e.g., an XML-based remote procedure call (XBM)) to the transport sender 138 0 of the acquisition module 106 (see Fig. 6...

7/5,K/22 (Item 22 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00792444 \*\*Image available\*\*

SYSTEM AND METHOD FOR DISTRIBUTING MEDIA ASSETS TO USER DEVICES AND  
MANAGING USER RIGHTS OF THE MEDIA ASSETS  
SYSTEME ET PROCEDE DE DISTRIBUTION DE PARCS DE SUPPORT A DES DISPOSITIFS  
UTILISATEURS ET DE GESTION DES DROITS DES UTILISATEURS DES PARCS DE  
SUPPORTS

#### Patent Applicant/Assignee:

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MORRISON Kelly P, 4109 Paces Station Close, Atlanta, GA 30339-0037, US,

HIRSCH Michael D, 2299 Tristan Circle, Atlanta, GA 30345, US,  
MUNTZ Eric Neal, 3449 Sheridan Chase, Marietta, GA 30067, US,  
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200125948 A1 20010412 (WO 0125948)

Application: WO 2000US27564 20001005 (PCT/WO US0027564)

Priority Application: US 99157736 19991005; US 2000176829 20000119; US  
2000176830 20000119; US 2000176833 20000119; US 2000177063 20000119; US  
2000177783 20000124; US 2000177884 20000124; US 2000177867 20000124

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/173

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8434

English Abstract

A system and method for distributing digital media assets to a plurality of users. A portal (300) is provided comprising at least one server computer. The portal executes a media library database server application that manages access to a master library of media assets (100) that can be accessed by users via one or more communication networks (400). A plurality of media player (200) devices communicate with the portal (300) to access media assets for use. Each media player (200) device may comprise a processor that executes a database client application that manages media assets licensed for use by a user.

French Abstract

L'invention concerne un systeme et un procede de distribution de parcs de supports numeriques a une pluralite d'utilisateurs. Un portail (300) est prevu lequel comprend au moins un ordinateur serveur. Le portail execute une application du serveur de base de donnees d'une bibliotheque de supports gerant l'accès a une bibliotheque principale de parcs de supports (100) auxquels peuvent accéder des utilisateurs par l'intermediaire d'un ou de plusieurs reseaux de communication (400). Une pluralite d'appareils a lecteur (200) de supports communiquent avec le portail (300) afin d'accéder aux parcs de supports destines a être utilisés. Chaque appareil a lecteur (200) de support peut comprendre un processeur executant une application client de base de donnees laquelle gere les parcs de supports qu'un utilisateur est autorise a utiliser.

Legal Status (Type, Date, Text)

Publication 20010412 A1 With international search report.

Examination 20010802 Request for preliminary examination prior to end of  
19th month from priority date

Main International Patent Class: G06F-015/16

International Patent Class: G06F-015/173

Fulltext Availability:

Detailed Description

Detailed Description

... its database application with that of the portal. A network protocol, such as for example XML - RPC, is used to synchronize the databases.



More specifically, each account on the portal has one...

7/5,K/23 (Item 23 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00788825 \*\*Image available\*\*

**METHOD FOR MAKING FINANCIAL INVESTMENTS**

**PROCEDE POUR FAIRE DES INVESTISSEMENTS FINANCIERS**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200122341 A1 20010329 (WO 0122341)

Application: WO 2000US40922 20000918 (PCT/WO US0040922)

Priority Application: US 99155483 19990923

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5349

**English Abstract**

This invention relates to a computer-implemented process which will allow members of the public to create, acquire and monitor a custom-designed investment program directly and simultaneously, utilizing the services of various independent investment advisors, through a unique interactive Internet system. More specifically, this process will enable individuals or other entities, desiring to create a multi-faceted financial investment portfolio, to utilize the Internet to: (1) determine the structure of the investment portfolio desired; (2) select from among a number of independent investment advisors to execute and manage the purchase, maintenance and/or sale of discrete parts of said portfolio; and (3) monitor, in real time, the status of said portfolios after the creation thereof. This unique process will enable the individual customers to make educated choices among the various independent investment advisors to create, monitor and manage discretionary investment portfolios through the use of the Internet.

**French Abstract**

La presente invention concerne un procede informatise qui permettra a des membres du public de creer, acquerir et surveiller directement et simultanement un programme d'investissement concu sur mesure, et ce, en utilisant les services de divers conseillers en investissements independants, via un unique systeme interactif de l'Internet. De facon plus specifique, ce procede permettra a des individus, ou d'autres entites, desirant creer un portefeuille d'investissements financiers diversifie, d'utiliser l'Internet pour: (1) determiner la structure du portefeuille d'investissements desire; (2) selectionner, parmi un certain nombre, des conseillers en investissements independants pour executer et gerer l'achat, la maintenance et/ou la vente de parties discrettes dudit

portefeuille; et (3) surveiller, en temps reel, l'etat desdits portefeuilles apres leur creation. Ce procede unique permettra aux clients individuels de faire des choix en toutes connaissances de causes parmi les divers conseillers en investissements independants pour creer, surveiller et gerer des portefeuilles d'investissements discretionnaires via l'utilisation de l'Internet.

Legal Status (Type, Date, Text)

Publication 20010329 A1 With international search report.

Publication 20010329 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... commercial technology field, including but not limited to, file transfer, message transfer, electronic mail, proprietary, RPC, IPC, fixed record, variable record, and XML.

H. In addition, in this embodiment, all necessary record keeping accounts are automatically opened by...

7/5,K/24 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00772852 \*\*Image available\*\*

IDENTIFICATION CARD PRINTER WITH CLIENT/SERVER

IMPRIMANTE DE CARTES D'IDENTITE AVEC CLIENT/SERVEUR

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200106345 A1 20010125 (WO 0106345)

Application: WO 2000US18962 20000712 (PCT/WO US0018962)

Priority Application: US 99143731 19990714

Designated States: CN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-003/12

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6386

English Abstract

An identification card printer (54) for printing an image on an identification card (85), is provided which includes a print mechanism (82) adapted to deposit material on to the card (85). A network adapter is configured to couple to a network (56). A print drive module (74) controls the print mechanism in response to a drive module input. A client/server module (70, 72) is coupled to the network adapter and functions as a client on the network (56) to responsively provide data to the drive module input. The client/server module (70, 72) can further function as a server on the network (56) to serve data to the network (56).

## French Abstract

La presente invention concerne une imprimante (54) de cartes d'identite permettant d'imprimer une image sur une carte d'identite (85), et comportant un systeme d'impression (82) concu pour déposer un materiau sur la carte (85). Un adaptateur de reseau est concu pour se raccorder a un reseau (56). Un module d'entrainement de l'impression (74) commande le systeme d'impression en reaction a une entree du module d'entrainement. Un module client/serveur (70, 72) est raccorde a l'adaptateur de reseau et fonctionne comme un client sur le reseau (56) pour fournir en retour des donnees a l'entree du module d'entrainement. Par ailleurs, le module client/serveur (70, 72) peut fonctionner comme un serveur sur le reseau (56) pour desservir les donnees au reseau (56).

Legal Status (Type, Date, Text)

Publication 20010125 A1 With international search report.

Examination 20010510 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-003/12

Fulltext Availability:

Detailed Description

## Detailed Description

... the preferred protocols will be the internet based protocols such as TCP, UDP, IP, ICC, RPC, XML, HTTP, SNMP, CDPD, RMI, IIOP, etc. This protocol can run on top of IP. TCP...

7/5,K/25 (Item 25 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00767676 \*\*Image available\*\*

## AN INTERNET E-COMMERCE SYSTEM

### SYSTEME DE COMMERCE ELECTRONIQUE PAR L'INTERNET

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200101300 A1 20010104 (WO 0101300)

Application: WO 2000AU730 20000628 (PCT/WO AU0000730)

Priority Application: AU 991235 19990628

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 17807

## English Abstract

An electronic commerce system comprising: a series of point of sale terminals providing for point of sale information handling of a business;

an interconnection network interconnecting the point of sale terminals to a central database facility; a central database facility for storing information about each of the businesses for access by the operators of the point of sale terminals; and a series of service providers interconnected to the central database facility for meeting requests issued by the point of sale terminals.

#### French Abstract

La presente invention concerne un systeme de commerce electronique comprenant: une serie de terminaux de point de vente assurant le traitement des informations de point de vente d'une affaire; un reseau d'interconnexion interconnectant les terminaux de points de ventes a une installation de base de donnees centrale; une installation de base de donnees centrale permettant de conserver les informations concernant chacune des affaires auxquelles pourront acceder les operateurs des terminaux de points de vente; et une serie de fournisseurs de services interconnectes a l'installation de base de donnees centrale de facon a satisfaire les demandes emises par les terminaux de points de vente.

#### Legal Status (Type, Date, Text)

Publication 20010104 A1 With international search report.

Publication 20010104 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

Examination 20010315 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

#### Detailed Description

... as a Java or VB based software application that uses encrypted Internet communications to exchange XML RPC with XMLMarket application services, with, for example, the IWN engine clearinghouse 30. The consumer webfront application service...XML provides a self-describing document paradigm; these documents are transmitted via HTTP using the XML RPC (XML Remote Procedure Call) standard.

Whenever sensitive or financial data is being transmitted. IWN Engine HTTP application servers uses...better transaction rates due to economies of scale. Financial transactions are simply another form of XML RPC . carried out using SSL encryption and authenticated with X.509 certificates and processed by the...a singular entity for a given IWN eXchange, and multiple Exchanges can seamlessly interact using XML RPC . The most immediate consequence of this is that inter-market e-fulfilment chains are entirely...

7/5,K/26 (Item 26 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00576340 \*\*Image available\*\*

A METHOD AND SYSTEM FOR PERFORMING ELECTRONIC DATA-GATHERING ACROSS MULTIPLE DATA SOURCES

PROCEDE ET SYSTEME DE COLLECTE ELECTRONIQUE DE DONNEES PARMI DE MULTIPLES SOURCES DE DONNEES

Patent Applicant/Assignee:

GEMTEQ SOFTWARE INC,

Inventor(s):

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BLACKBURN William J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039713 A1 20000706 (WO 0039713)

Application: WO 99US30965 19991223 (PCT/WO US9930965)

Priority Application: US 98114065 19981228; US 99160639 19991020

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG

UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/24

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15055

#### English Abstract

A method and system for electronic data-gathering system allows a user to easily capture and archive electronic data without the need to interact with an additional application user-interface. The present invention streamlines the workflow of performing research, and also ensures that information is easily traceable to its original source. The described embodiments of the present invention automatically encapsulate user-selected sets of electronic data with a set of attribution, creation, and user-defined metadata. The system uses the captured data and metadata to create gem data objects. These gem data objects are then routed within the electronic data-gathering system. The gem data objects may be stored on a persistent storage mechanism. The research system also includes a data viewer that allows a user to view and perform actions upon the gem data objects.

#### French Abstract

L'invention se rapporte a un procede et a un systeme de collecte electronique de donnees qui permet a un utilisateur d'acquies et d'archiver facilement des donnees electroniques sans qu'il lui soit necessaire d'interagir avec une interface-utilisateur d'application supplementaire. La presente invention canalise le flux des travaux permettant la mise en oeuvre de la recherche et fait en sorte que la source originale des informations soit facilement identifiable. Les realisations de la presente invention permettent l'encapsulation automatique d'ensembles de donnees electroniques selectionnes par l'utilisateur avec un ensemble de metadonnees d'attribution et de creation definies par l'utilisateur. Le systeme utilise les donnees acquises et les metadonnees pour creer des objets de donnees "Gem". Ces objets de donnees Gem sont alors achemines au sein du systeme electronique de collecte de donnees. Ils peuvent etre stockes sur un mecanisme de memoire permanente. Le systeme de recherche comporte egalement un organe de visualisation des donnees qui permet a un utilisateur de visualiser les objets de donnees Gem et d'effectuer des actions sur ces objets.

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/24

Fulltext Availability:

Detailed Description

#### Detailed Description

... embodiment, eXtensible Markup Language (XML) is used to encode the gem data object and an XML - RPC ( Remote Procedure Call ) is used to wrap the gem data object in a method call that provides the...

...a socket is opened. Upon establishing a successful connection, the client module 40 transmits the XML - RPC method call containing the XML -encoded gem data object.

The server module 70 then decodes the gem data object in...may be used to encode and process client module 40 requests. One embodiment is an XML - RPC - method call, but other embodiments will be evident to one of skill in the art...

7/5,K/27 (Item 27 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00557859    \*\*Image available\*\*

**CONVERSATIONAL BROWSER AND CONVERSATIONAL SYSTEMS**

**NAVIGATEUR INTERACTIF ET SYSTEMES INTERACTIFS**

**Patent Applicant/Assignee:**

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NAHAMOO David,  
SEDIVY Jan,

**Inventor(s):**

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**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200021232 A2 20000413 (WO 0021232)

Application: WO 99US23008 19991001 (PCT/WO US9923008)

Priority Application: US 98102957 19981002; US 99117595 19990127

Designated States: CA CN IL IN JP KR US AT BE CH CY DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE

Main International Patent Class: G06F-015/16

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22867

**English Abstract**

A conversational browsing system (10) comprising a conversational browser (11) having a command and control interface (12) for converting speech commands or multi-modal input from I/O resources (27) into navigation request. The system (10) comprises conversational engines (23) for decoding input commands for interpretation by the command and control interface and decoding meta-information provided by the CML processor for generating synthesized audio output. The system includes a communication stack (19) for transmitting the navigation request to a content server and receiving a CML file from the content server based on the navigation request. A conversational transcoder (13) transforms presentation material from one modality to a conversational modality. The transcoder (13) includes a functional transcoder (13a) to transform a page of GUI to a page of CUI (conversational user interface) and a logical transcoder (13b) to transform business logic of an application, transaction or site into an acceptable dialog.

**French Abstract**

L'invention porte sur un systeme de navigation (10) interactif comprenant un navigateur (11) interactif possedant une interface (12) de commande et de controle destinee a convertir des commandes vocales ou entrees multi-modales a partir de ressources (27) E/S en une demande de navigation ; un processeur (14) pour analyser et interpreter un fichier CML (langage de balisage interactif), ce fichier comprenant des meta-informations representant une interface utilisateur interactive destinee a etre presentee a un utilisateur. Le systeme (10) comprend des moteurs (23) interactifs destines a decoder des commandes d'entree qui seront interpretees par l'interface commande et controle, et a decoder des meta-informations fournies par le processeur CML de facon a generer une sortie audio synthetisee. L'explorateur (11) accede au moteur (23) par des appels systeme dans une plate-forme (15) systeme. Le systeme comprend une pile (19) de communications destinee a transmettre la demande de navigation a un serveur de contenus et a recevoir un fichier CML du serveur de contenus sur la base de la demande de navigation. Un transcodeur (13) interactif transforme le materiau de presentation d'une modalite en une modalite interactive. Le transcodeur (13) comprend un transcodeur (13a) fonctionnel destine a transformer une page de GUI en une page de CUI (interface utilisateur interactive) et un transcodeur (13b) logique destine a transformer une logique de gestion d'une application, d'une transaction ou d'un site en un dialogue acceptable. Le

transcodage interactif peut convertir des fichiers HTML en fichier CML  
qui sont interpretes par l'explorateur (11) interactif.

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... presentation material. Applets and plugins can communicate via RMI  
(remote method invocation), socket connections, RPC ( remote procedure  
call ), etc. In addition, complex transcoding schemes, XML (Extensible  
Markup Language) extensions and scripting languages are used for specific  
information or services or...

?

Set	Items	Description
S1	285	AU= (MERRICK P? OR MERRICK, P? OR ALLEN, S? OR ALLEN S? OR LAPP J? OR LAPP, J?)
S2	1096	XML? OR EXTENSIBLE()MARKUP()LANGUAGE? OR MARK()UP()LANGUAG?
S3	387	RPC OR REMOT?()PROCEDUR?()CALL?
S4	0	S1 AND S2 AND S3
S5	0	S2 AND S3
S6	0	S1 AND (S2 OR S3)

? show files

File 347:JAPIO Oct 1976-2002/Apr(Updated 020805)  
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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200252  
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